

The logo for Trassir, featuring the word "TRASSIR" in a bold, white, sans-serif font. The "R" is stylized with horizontal lines extending from its top and bottom, and a registered trademark symbol (®) is located to the upper right of the "R".

TRASSIR®



Advanced video
surveillance technology
for your business

PRODUCT CATALOG 2022

www.trassir.com



CONTENTS

TRASSIR today (About us)	4-5
Why TRASSIR?	6
"ECO LINE" Cameras	7-16
"TREND LINE" Cameras	17-33
"TREND PRO LINE" Cameras	34-48
Contacts	49

TRASSIR TODAY

We are committed to make our business more effective and our society more safe. We achieve this by using state-of-the-art video analytics and artificial intelligence technologies efficiency working with our advanced hardware. We are planning to increase our footprint in the international market where every country poses new challenges and provides us with new fascinating clients.

20 YEARS
OF EXPERIENCE IN CCTV
SURVEILLANCE

5000+
LOYAL CUSTOMERS
ALL OVER THE GLOBE

30%
COMPOUND ANNUAL
GROWTH RATE

3
R&D CENTERS

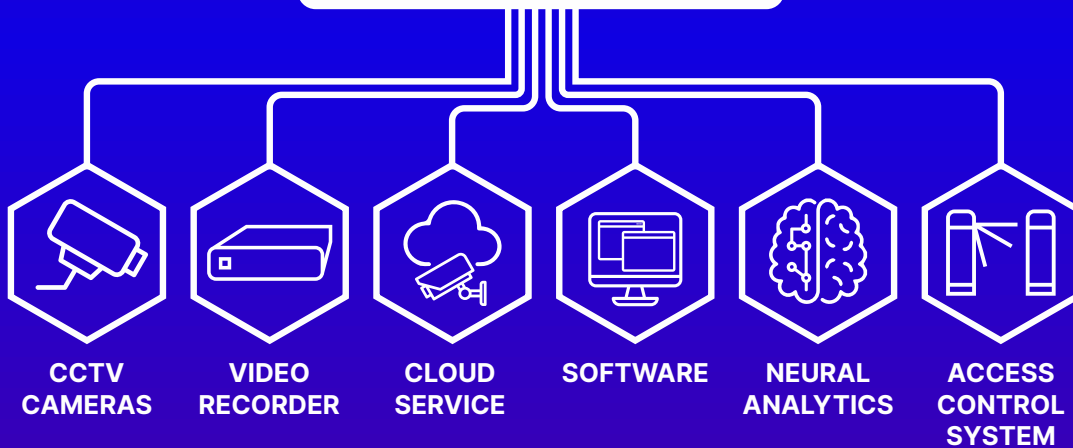


35 COUNTRIES
OF TRASSIR
INSTALLATIONS

TRASSIR[®]

CCTV ECOSYSTEM

6 in 1



www.trassir.com

Why TRASSIR?

The best experience and our expertise for the sustainable business of our partners!

1

THE DRIVER OF YOUR BUSINESS

The scalability of solutions allows you to meet the needs of customers of any type: from large network retailers to private households.

2

GUARANTEED OPTIMAL SOLUTION

The price/quality ratio and ease of integration makes it equally easy to create new or update existing systems based on competitive solutions.

3

CUSTOMIZATION AS THE KEY TO SOLVING ANY PROBLEM

A wide range and depth of integration of products among themselves, as well as customization of products allows you to adapt ready-made solutions to the most demanding customer.

4

GETTING AHEAD OF THE SECURITY REQUIREMENTS

Formation of a powerful platform with the ability to complete the system to meet the increasing requirements of customers.

5

PREDICTABLE RELIABILITY

The ecosystem at the mono manufacturer eliminates the occurrence of technical failures, and the monitoring system significantly simplifies the maintenance of systems.

6

INCREASING THE EXPERTISE OF PARTNERS

Technical personnel training programs and manufacturer support at all stages of cooperation.

7

RELIABILITY OF LOGISTICS AND AFTER-SALES SERVICES

Prompt delivery through one of the company's 1,500 points of presence, technical support.

8

FULL CYCLE OF SALES AND MARKETING SUPPORT

Many years of experience and success stories to support partner sales: the provision of marketing materials, versatile marketing support and the possibility of joint negotiations.

«ECO LINE»

Standard cameras



2 MP outdoor camera with IR – illumination up to 30m

TR-D2B5 v2

Model	TR-D2B5
Image sensor	1/2.9" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 30 m
Lens (mm)	2.8 / 3.6
Field of view(horiz./vert.)	2.8mm: 98°±5° / 53°±5° 3.6mm: 81°±5° / 44°±5°
WDR	Real WDR(105dB)
Digital noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
IVS	Human detection Line crossing Intrusion detection
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 3.3W PoE: 3.4W
Case material	Metal
Dimensions (mm)	207.6 x 86 x 76.5
Weight Net/Gross (g)	350 / 530
Protection level	IP67
Lightning protection	TVS 4000V
Operating conditions	-40°C ... +60°C





2 MP outdoor camera with IR – illumination up to 30m

TR-D2B5-noPoE v2

Model	TR-D2B5-noPoE
Image sensor	1/2.9" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 30 m
Lens (mm)	3.6
Field of view(horiz./vert.)	81°±5° / 44°±5°
WDR	Real WDR(105dB)
Digital noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
IVS	Human detection Line crossing Intrusion detection
Corridor mode	Yes
Power supply	12V DC
Power consumption	3.3W
Case material	Metal
Dimensions (mm)	207.6 x 86 x 76.5
Weight Net/Gross (g)	330 / 510
Protection level	IP67
Lightning protection	TVS 4000V
Operating conditions	-40°C ... +60°C



4 MP outdoor camera with IR – illumination up to 30m

TR-D4B5 v2

Model	TR-D2B5
Image sensor	1/2.9" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 30 m
Lens (mm)	2.8 / 3.6
Field of view(horiz./vert.)	2.8mm: 98°±5° / 53°±5° 3.6mm: 81°±5° / 44°±5°
WDR	Real WDR(105dB)
Digital noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
IVS	Human detection Line crossing Intrusion detection
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 3.3W PoE: 3.4W
Case material	Metal
Dimensions (mm)	207.6 x 86 x 76.5
Weight Net/Gross (g)	350 / 530
Protection level	IP67
Lightning protection	TVS 4000V
Operating conditions	-40°C ... +60°C





4 MP outdoor camera with IR – illumination up to 30m

TR-D4B5-noPoE v2

Model	TR-D4B5-noPoE
Image sensor	1/2.7" CMOS 4MP
Resolution	4MP(2688x1520)
Frame rate	4MP@15fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 30 m
Lens (mm)	3.6
Field of view(horiz./vert.)	87.3° / 56.2°
WDR	D-WDR
Digital noise Reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Power supply	12V DC
Power consumption	6.6W
Case material	Metal
Dimensions (mm)	207.6 x 76.5 x 86
Weight Net/Gross (g)	330 / 510
Protection level	IP67
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP outdoor camera with varifocal lens and IR – illumination up to 35m

TR-D2B6 v2

Model	TR-D2B6
Image sensor	1/2.9" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.003Lux (F1.3)
IR range	up to 35 m
Lens (mm)	2.7 - 13.5
Field of view(horiz./vert.)	100° - 28°±5° / 55° - 16°±5°
WDR	Real WDR(105dB)
Digital noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8 Mbps
IVS	Human detection Line crossing Intrusion detection
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 4.1W PoE: 4.8W
Case material	Metal
Dimensions (mm)	243.6 x 92 x 86.4
Weight Net/Gross (g)	560 / 695
Protection level	IP67
Lightning protection	TVS 4000V
Operating conditions	-40°C ... +60°C





2 MP outdoor camera with varifocal lens and
IR – illumination up to 35m

TR-D4B6 v2

Model	TR-D4B6
Image sensor	1/3" CMOS 4MP
Resolution	4MP(2560x1440)
Frame rate	4MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.003Lux (F1.3)
IR range	up to 35 m
Lens (mm)	2.7 - 13.5
Field of view(horiz./vert.)	93° - 28° / 50° - 16°
WDR	D-WDR (105 dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8 Mbps
IVS	Yes
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 4.6W PoE: 6.2W
Case material	Metal
Dimensions (mm)	243.6 x 92 x 86.4
Weight Net/Gross (g)	560 / 695
Protection	IP67, TVS 4000V
Working temperature	-40°C ... +60°C



4 MP outdoor camera with IR – illumination up to 15m

TR-D2D5 v2

Model	TR-D2D5
Image sensor	1/2.9" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 15 m
Lens (mm)	2.8 / 3.6
Field of view(horiz./vert.)	2.8mm: 98°±5° / 53°±5° 3.6mm: 81°±5° / 44°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-80°
WDR	Real WDR(105dB)
Digital noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
IVS	Human detection Line crossing Intrusion detection
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 2.1W PoE: 2.4W
Case material	Metal
Dimensions (mm)	Ø95 x 63
Weight Net/Gross (g)	295 / 385
Protection level	IP66, IK10
Lightning protection	TVS 4000V
Operating conditions	-40°C ... +60°C



4 MP outdoor camera with IR – illumination up to 15m

TR-D4D5 v2

Model	TR-D4D5
Image sensor	1/3" CMOS 4MP
Resolution	4MP(2560x1440)
Frame rate	4MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 15 m
Lens (mm)	2.8 / 3.6
Field of view(horiz./vert.)	2.8mm: 94° / 50° 3.6mm: 77° / 42°
WDR	D-WDR (105 dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
IVS	Yes
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 2.6W PoE: 2.9W
Case material	Metal
Dimensions (mm)	Ø95 x 63
Weight Net/Gross (g)	295 / 385
Protection	IP66, IK10, TVS 4000V
Working temperature	-40°C ... +60°C



4 MP indoor camera with IR – illumination up to 25m

TR-D2D2 v2

Model	TR-D2D2
Image sensor	1/2.9" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.003Lux (F1.3)
IR range	up to 25 m
Lens (mm)	2.7-13.5
Field of view(horiz./vert.)	100° - 28°±5° / 55° - 16°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-360°
WDR	Real WDR(105dB)
Digital noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
IVS	Human detection Line crossing Intrusion detection
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 2.7W PoE: 2.9W
Case material	Plastic
Dimensions (mm)	Ø113 x 98
Weight Net/Gross (g)	250 / 350
Working temperature	-10°C ... +50°C





4 MP indoor camera with IR – illumination up to 25m

TR-D4D2 v2

Model	TR-D4D2
Image sensor	1/3" CMOS 4MP
Resolution	4MP(2560x1440)
Frame rate	4MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.003Lux (F1.3)
IR range	up to 25 m
Lens (mm)	2.7 - 13.5
Field of view(horiz./vert.)	93° - 28° / 50° - 16°
WDR	D-WDR (105 dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
IVS	Yes
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	4
Power consumption	DC: 4W PoE: 4.6W
Case material	Plastic
Dimensions (mm)	Ø112 x 98.1
Weight Net/Gross (g)	250 / 350
Protection	TVS 4000V
Working temperature	-10°C ... +50°C



2 MP outdoor with IR – illumination up to 25m

TR-D2S5 v2

Model	TR-D2S5
Image sensor	1/2.9" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 25 m
Lens (mm)	2.8 / 3.6
Field of view(horiz./vert.)	2.8mm: 98°±5° / 53°±5° 3.6mm: 81°±5° / 44°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-80° Rotation: 0°-360°
WDR	Real WDR(105dB)
Digital noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
IVS	Human detection Line crossing Intrusion detection
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 2.8W PoE: 3.4W
Case material	Metal
Dimensions (mm)	Ø106 x 73.5
Weight Net/Gross (g)	335 / 430
Protection level	IP66
Lightning protection	TVS 4000V
Operating conditions	-40°C ... +60°C





2 MP outdoor with IR – illumination up to 25m

TR-D2S5-noPoE v2

Model	TR-D2S5-noPoE
Image sensor	1/2.9" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 25 m
Lens (mm)	3.6
Field of view(horiz./vert.)	81° ± 5° / 44° ± 5°
Axis setting	Pan: 0° - 360° Tilt: 0° - 80° Rotation: 0° - 360°
WDR	Real WDR(105dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
IVS	Human detection Line crossing Intrusion detection
Corridor mode	Yes
Power supply	12V DC
Power consumption	2.8W
Case material	Metal
Dimensions (mm)	Ø106 x 73.5
Weight Net/Gross (g)	315 / 410
Protection level	IP66
Lightning protection	TVS 4000V
Operating conditions	-40°C ... +60°C



4 MP outdoor camera with IR – illumination up to 25m

TR-D4S5 v2

Model	TR-D4S5
Image sensor	1/3" CMOS 4MP
Resolution	4MP(2560x1440)
Frame rate	4MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical
Sensitivity	0.005Lux (F1.8)
IR range	up to 25 m
Lens (mm)	2.8 / 3.6
Field of view(horiz./vert.)	2.8mm: 94° / 50° 3.6mm: 77° / 42°
WDR	D-WDR (105 dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
IVS	Yes
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 3.5W PoE: 4.1W
Case material	Metal
Dimensions (mm)	Ø105.5 x 72
Weight Net/Gross (g)	335 / 430
Protection	IP66, TVS 4000V
Working temperature	-40°C ... +60°C



4 MP outdoor camera with IR – illumination up to 25m

TR-D4S5-noPoE v2

Model	TR-D4S5-noPoE
Image sensor	1/3" CMOS 4MP
Resolution	4MP(2560x1440)
Frame rate	4MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 25 m
Lens (mm)	3.6
Field of view(horiz./vert.)	77° / 42°
WDR	D-WDR (105 dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
IVS	Yes
Corridor mode	Yes
Power supply	12V DC
Power consumption	3.5W
Case material	Metal
Dimensions (mm)	Ø105.5 x 72
Weight Net/Gross (g)	315 / 410
Protection	IP66, TVS 4000V
Working temperature	-40°C ... +60°C



2 MP indoor camera with IR – illumination up to 20m

TR-D2S1 v2

Model	TR-D2S1
Image sensor	1/2.9" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 20 m
Lens (mm)	3.6
Field of view(horiz./vert.)	81°±5° / 44°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-80° Rotation: 0°-360°
WDR	Real WDR(105dB)
Digital noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
IVS	Human detection Line crossing Intrusion detection
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 2.3W PoE: 2.4W
Case material	Plastic
Dimensions (mm)	Ø109.98x98.50
Weight Net/Gross (g)	205 / 300
Operating conditions	-10°C ... +50°C





2 MP indoor camera with IR – illumination up to 20m

TR-D2S1-noPoE v2

Model	TR-D2S1-noPoE
Image sensor	1/2.9" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 20 m
Lens (mm)	3.6
Field of view(horiz./vert.)	81°±5° / 44°±5°
Axis setting	Pan: 0°-360° Tilt: 0°-80° Rotation: 0°-360°
WDR	Real WDR(105dB)
Digital noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
IVS	Human detection Line crossing Intrusion detection
Corridor mode	Yes
Power supply	12V DC
Power consumption	2.3W
Case material	Plastic
Dimensions (mm)	Ø109.98x98.50
Weight Net/Gross (g)	205 / 300
Operating conditions	-10°C ... +50°C



4 MP indoor camera with IR – illumination up to 20m

TR-D4S1 v2

Model	TR-D4S1
Image sensor	1/2.7" CMOS 4MP
Resolution	4MP(2688x1520)
Frame rate	4MP@15fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 20 m
Lens (mm)	3.6
Field of view(horiz./vert.)	2.8mm: 110° / 71° 3.6mm: 87.3° / 56.2°
WDR	D-WDR
Digital Noise Reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 6.5W PoE: 6.8W
Case material	Plastic
Dimensions (mm)	Ø110 x 93.2
Weight Net/Gross (g)	205 / 300
Operating conditions	-10°C ... +50°C





4 MP indoor camera with IR – illumination up to 20m

TR-D4S1-noPoE v2

Model	TR-D4S1-noPoE
Image sensor	1/2.7" CMOS 4MP
Resolution	4MP(2688x1520)
Frame rate	4MP@15fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 20 m
Lens (mm)	3.6
Field of view(horiz./vert.)	2.8mm: 110° / 71° 3.6mm: 87.3° / 56.2°
WDR	D-WDR
Digital noise Reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Power supply	12V DC
Power consumption	6.5W
Case material	Plastic
Dimensions (mm)	Ø110 x 93.2
Weight Net/Gross (g)	185 / 280
Operating conditions	-10°C ... +50°C

«TREND LINE» IP cameras for basic analytics





2 MP outdoor camera with IR – illumination up to 35m

TR-D2121IR3 v6

Model	TR-D2121IR3
Image sensor	1/2.7" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 35 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 100°±5° / 54°±5° 3.6mm: 82°±5° / 44°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 3.4W PoE: 3.9W
Case material	Metal
Dimensions (mm)	184.67x66.50x63.05
Weight Net/Gross (g)	460 / 565
Ingress protection	IP67
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



5 MP outdoor camera with IR – illumination up to 35m

TR-D2151IR3

Model	TR-D2151IR3
Image sensor	1/2.8" CMOS 5MP
Resolution	5MP(2592x1944) 4MP(2592x1520) 3MP(2304x1296)
Frame rate	5MP@15fps 4MP@20fps 3MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 35 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 102°±5° / 72°±5° 3.6mm: 83°±5° / 60°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human Detection Line Crossing Intrusion Detection
RTC	No
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 3.96W PoE: 4.8W
Case material	Metal
Dimensions (mm)	184.67x66.50x63.05
Weight Net/Gross (g)	460 / 565
Ingress protection	IP67
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C





2 MP wireless compact camera with IR – illumination up to 35m

TR-D2121IR3W v3

Model	TR-D2121IR3W
Image sensor	1/2.7" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 35 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 100°±5° / 54°±5° 3.6mm: 82°±5° / 44°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 360°
WDR	Real WDR (120dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Corridor mode	Yes
Wi-Fi	2.4 Ghz
IVS	Human detection Line crossing Intrusion detection
Power	12V DC
Power consumption	3.9 W
Casing material	Metal
Dimensions (mm)	183.3 x 67.3 x 63.9
Net/Gross weight (g)	460 / 565
Ingress protection	IP67
Working temperature	-40°C ... +60°C



2 MP wireless compact camera with IR – illumination up to 35m

TR-D2121CL3

Model	TR-D2121CL3
Image sensor	1/2.8" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	FTC
Sensitivity	0.0015Lux (F1.0) / 0Lux (LED on)
LED range	up to 35 m
Lens (mm)	2.8 / 4.0
Field of view (horiz./vert.)	2.8 mm: 105° / 55° 4.0 mm: 81° / 44°
Axes setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 3.36W PoE: 4.8W
Case material	Metal
Dimensions (mm)	184.7 x 66.5 x 63
Weight Net/Gross (g)	480 / 580
Ingress protection	IP67
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C





Outdoor Wi-Fi FTC camera for night shooting

TR-D2121CL3W

Model	TR-D2121CL3W
Image sensor	1/2.8" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	FTC
Sensitivity	0.0015Lux (F1.0) / 0Lux (LED on)
LED range	up to 35 m
Lens (mm)	2.8 / 4.0
Field of view (horiz./vert.)	2.8 mm: 105° / 54° 4.0 mm: 81° / 44°
Axes setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone Built-in speaker
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection
Power supply	12V DC
Power consumption	DC: 4.44 W
Case material	Metal
Dimensions (mm)	184.7 x 159.3 x 68
Weight Net/Gross (g)	480 / 590
Ingress protection	IP66
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP outdoor camera with varifocal lens and IR – illumination up to 60m

TR-D2123IR6 v6

Model	TR-D2123IR6
Image sensor	1/2.7" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.6)
IR range	up to 60 m
Lens (mm)	2.7 - 13.5
Field of view (horiz./vert.)	100°-28°±5° / 56°-15°±5°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 in / 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 5.4W PoE: 5.8W
Case material	Metal
Dimensions (mm)	234.33x77.5x75.31
Weight Net/Gross (g)	635 / 830
Ingress protection	IP67, IK08
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C





5 MP outdoor camera with varifocal lens and
IR – illumination up to 60m

TR-D2153IR6

Model	TR-D2153IR6
Image sensor	1/2.8" CMOS 5Mn
Resolution	5MP(2592x1944) 4MP(2592x1520) 3MP(2304x1296)
Frame rate	5MP@15fps 4MP@20fps 3MP@25fps
Electronic Shutter Speed	1/2 ~ 1/1 000 c
Day/Night Mode	Mechanical ICR
Sensitivity	0.002Lux (F1.6)
IR range	up to 60 m
Lens (mm)	2.7 - 13.5
Field of view (horiz./vert.)	98°-38°±5° / 73°-30°±5°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128Gb
Audio	Built-in microphone 1 in / 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Human Detection Line Crossing Intrusion Detection
RTC	No
Power supply	PoE (802.3af) / 12V DC
Class PoE	3
Power consumption	DC: 6.84W PoE: 7.2W
Case material	Metall
Dimensions (mm)	234.33x77.5x75.31
Weight Net/Gross (g)	635 / 830
Ingress protection	IP67, IK08
Lighting protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP outdoor camera with motorized lens and
IR – illumination up to 35m

TR-D2122ZIR3 v6

Model	TR-D2122ZIR3
Image sensor	1/2.7" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.6)
IR range	up to 35 m
Lens (mm)	2.8 - 8 (motorized)
Field of view (horiz./vert.)	91°-54°±5° / 50°-30°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human Detection Line Crossing Intrusion Detection
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 5.4W PoE: 5.8W
Case material	Metal
Dimensions (mm)	184.67x66.50x63.05
Weight Net/Gross (g)	460 / 565
Ingress protection	IP67
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



5 MP outdoor camera with motorized lens and
IR – illumination up to 35m

TR-D2152ZIR3

Model	TR-D2152ZIR3
Image sensor	1/2.8" CMOS 5MP
Resolution	5MP(2592x1944) 4MP(2592x1520) 3MP(2304x1296)
Frame rate	5MP@15fps 4MP@20fps 3MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 35 m
Lens (mm)	2.8 - 8 (motorzoom)
Field of view (horiz./vert.)	83°-49°±5° / 61°-37°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human Detection Line Crossing Intrusion Detection
RTC	No
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 5W PoE: 5.8W
Case material	Metal
Dimensions (mm)	184.67x66.50x63.05
Weight Net/Gross (g)	460 / 565
Ingress protection	IP67
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



Outdoor FTC camera with IR – illumination up to 60m

TR-D2123ZCL6

Model	TR-D2123ZCL6
Image sensor	1/2.8" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	FTC
Sensitivity	0.0015Lux (F1.0) / 0Lux (LED on)
LED range	up to 60 m
Lens (mm)	2.7 - 13.5
Field of view (horiz./vert.)	95° - 37° / 50° - 20°
Axes setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 0°-360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 8.88W PoE: 9.6W
Case material	Metal
Dimensions (mm)	234.3 x 77.5 x 73.4
Weight Net/Gross (g)	635 / 830
Ingress protection	IP67, IK08
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP outdoor camera with IR – illumination up to 25m

TR-3121IR2 v6 (B)

Model	TR-3121IR2 (B)
Image sensor	1/2.7" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 25 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 100°±5° / 54°±5° 3.6mm: 82°±5° / 44°±5°
Axes setting	Pan: 0°-340° Tilt: 0°-70°
WDR	Real WDR (120dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 3.6W PoE: 3.9W
Case material	Metal
Dimensions (mm)	Ø116.10 x 96.51
Net/Gross weight (g)	450 / 580
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



5 MP outdoor camera with IR – illumination up to 25m

TR-3151IR2 (B)

Model	TR-3151IR2 (B)
Image sensor	1/2.8" CMOS 5Mn
Resolution	5MP(2592x1944) 4MP(2592x1520) 3MP(2304x1296)
Frame rate	5MP@15fps 4MP@20fps 3MP@25fps
Electronic Shutter Speed	1/2 ~ 1/1 000 c
Day/Night Mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 25 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 102°±5° / 72°±5° 3.6mm: 83°±5° / 60°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-90°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128Gb
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human Detection Line Crossing Intrusion Detection
RTC	No
Power supply	PoE (802.3af) / 12V DC
Class PoE	3
Power consumption	DC: 5.04W PoE: 5.76W
Case material	Metall
Dimensions (mm)	Ø116.10 x 96.51
Weight Net/Gross (g)	450 / 580
Ingress protection	IP66, IK10
Lighting protection	TVS 4000V
Working temperature	-40°C ... +60°C





2 MP wireless camera with IR – illumination up to 25m

TR-3121IR2W v3 (B)

Model	TR-3121IR2W (B)
Image sensor	1/2.7" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 25 m
Lens (mm)	2.8
Field of view (horiz./vert.)	100°±5° / 54°±5°
Axes setting	Pan: 0°-340° Tilt: 0°-70° Rotation: 0°
WDR	Real WDR (120dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Corridor mode	Yes
Wi-Fi	2.4 Ghz
IVS	Human detection Line crossing Intrusion detection
Power	12V DC
Power consumption	3.8 W
Casing material	Metal
Dimensions (mm)	Ø116.1 x 96.5
Net/Gross weight (g)	460 / 600
Ingress protection	IP66, IK10
Working temperature	-40°C ... +60°C



2 MP outdoor camera with IR – illumination up to 15m

TR-D4121IR1 v6

Model	TR-D4121IR1
Image sensor	1/2.7" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/night mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 15 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 100°±5° / 54°±5° 3.6mm: 82°±5° / 44°±5°
Axes setting	Pan: 0° Tilt: 0°-90° Rotation: 0°-55°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Corridor mode	1 in / 1 out
IVS	Yes Human detection Line crossing Intrusion detection
RTC	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 2.5W PoE: 2.8W
Case material	Metal
Dimensions (mm)	Ø102.20 x 56.38
Net/Gross weight (g)	310 / 400
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C





5 MP outdoor camera with IR – illumination up to 15m

TR-D4151IR1

Model	TR-D4151IR1
Image sensor	1/2.8" CMOS 5MP
Resolution	5MP(2592x1944) 4MP(2592x1520) 3MP(2304x1296)
Frame rate	5MP@15fps 4MP@20fps 3MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 15 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 102°±5° / 72°±5° 3.6mm: 83°±5° / 60°±5°
Axes setting	Pan: 0° Tilt: 0°-90° Rotation: 0°-55°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone AudioIn / AudioOut
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection
RTC	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 3.6W PoE: 4.8W
Case material	Metal
Dimensions (mm)	Ø102.20 x 56.38
Net/Gross weight (g)	310 / 400
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP outdoor camera with varifocal lens and IR – illumination up to 25m

TR-D3123IR2 v6

Model	TR-D3123IR2
Image sensor	1/2.7" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.6)
IR range	up to 25 m
Lens (mm)	2.7 - 13.5
Field of view (horiz./vert.)	100°-28°±5° / 56°-15°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-70°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 in / 1 out
Corridor mode	Yes
IVS	Human Detection Line Crossing Intrusion Detection
Power supply	PoE (802.3af) / 12V DC
PoE Clas	3
Power consumption	DC: 3.6W PoE: 3.9W
Case material	Metal
Dimensions (mm)	Ø116.10 x 96.51
Weight Net/Gross (g)	520 / 650
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C





5 MP outdoor camera with varifocal lens and
IR – illumination up to 25m

TR-D3153IR2

Model	TR-D3153IR2
Image sensor	1/2.8" CMOS 5Mn
Resolution	5MP(2592x1944) 4MP(2592x1520) 3MP(2304x1296)
Frame rate	5MP@15fps 4MP@20fps 3MP@25fps
Electronic Shutter Speed	1/2 ~ 1/1 000 c
Day/Night Mode	Mechanical ICR
Sensitivity	0.002Lux (F1.8)
IR range	up to 25 m
Lens (mm)	2.7 - 13.5
Field of view (horiz./vert.)	98°-38°±5° / 73°-30°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-70°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 in / 1 out
Corridor mode	Yes
IVS	Human Detection Line Crossing Intrusion Detection
RTC	No
Power supply	PoE (802.3af) / 12V DC
Class PoE	3
Power consumption	DC: 6.84W PoE: 7.2W
Case material	Metal
Dimensions (mm)	Ø116.10 x 96.51
Weight Net/Gross (g)	520 / 650
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP outdoor camera with motorized lens and
IR – illumination up to 25m

TR-D3122ZIR2 v6 (B)

Model	TR-D3122ZIR2 (B)
Image sensor	1/2.7" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.6)
IR range	up to 25 m
Lens (mm)	2.8 - 8 (motorized)
Field of view (horiz./vert.)	91°-54°±5° / 50°-30°±5°
Axes setting	Pan: 0°-340° Tilt: 0°-70°
WDR	Real WDR (120dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human Detection Line Crossing Intrusion Detection
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 5.6W PoE: 5.8W
Case material	Metal
Dimensions (mm)	Ø116.10 x 96.51
Weight Net/Gross (g)	520 / 650
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



5 MP outdoor camera with motorized lens and
IR – illumination up to 25m

TR-D3152ZIR2 (B)

Model	TR-D3152ZIR2 (B)
Image sensor	1/2.8" CMOS 5Mn
Resolution	5MP(2592x1944) 4MP(2592x1520) 3MP(2304x1296)
Frame rate	5MP@15fps 4MP@20fps 3MP@25fps
Electronic Shutter Speed	1/2 ~ 1/1 000 c
Day/Night Mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 25 m
Lens (mm)	2.8 - 8 (motorized)
Field of view (horiz./vert.)	83°-49°±5° / 61°-37°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-90°
WDR	Real WDR (120dB)
Digital Noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128Gb
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human Detection Line Crossing Intrusion Detection
RTC	No
Power supply	PoE (802.3af) / 12V DC
Class PoE	3
Power consumption	DC: 6W PoE: 6.8W
Case material	Metal
Dimensions (mm)	Ø116.10 x 96.51
Weight Net/Gross (g)	520 / 650
Ingress protection	IP66, IK10
Lighting protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP outdoor camera with IR – illumination up to 25m

TR-D8121IR2 v6

Model	TR-D8121IR2
Image sensor	1/2.7" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic Shutter Speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 25 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 100°±5° / 54°±5° 3.6mm: 82°±5° / 44°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-90°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 5.3W PoE: 6.3W
Case material	Metal
Dimensions (mm)	Ø93 x 92.2
Weight Net/Gross (g)	380 / 480
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



5 MP outdoor camera with IR – illumination up to 25m

TR-D8151IR2

Model	TR-D8151IR2
Image sensor	1/2.8" CMOS 5Mn
Resolution	5MP(2592x1944) 4MP(2592x1520) 3MP(2304x1296)
Frame rate	5MP@15fps 4MP@20fps 3MP@25fps
Electronic Shutter Speed	1/2 ~ 1/1 000 c
Day/Night Mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 25 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 102°±5° / 72°±5° 3.6mm: 83°±5° / 60°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128Gb
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human Detection Line Crossing Intrusion Detection
RTC	No
Power supply	PoE (802.3af) / 12V DC
Class PoE	3
Power consumption	DC: 3.6W PoE: 4.8W
Case material	Metall
Dimensions (mm)	Ø93 x 92.2
Weight Net/Gross (g)	380 / 480
Ingress protection	IP66, IK10
Lighting protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP Wi-Fi camera with IR – illumination up to 20m

TR-D8121IR2W v3

Model	TR-D8121IR2W
Image sensor	1/2.7" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.005Lux(F1.8)
IR range	up to 20 m
Lens (mm)	2.8
Field of view (horiz./vert.)	100°±5° / 54°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-80° Rotation: 0°-360°
WDR	Real WDR (120dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone Built-in speaker
Corridor mode	Yes
Motion detector	Digital
Wi-Fi	2.4 Ghz
IVS	Human detection Line crossing Intrusion detection
Power	12V DC
Power consumption	4.5 W
Casing material	Plastic
Dimensions (mm)	Ø105 x 92.1
Net/Gross weight (g)	220 / 390
Working temperature	-10°C ... +50°C





Outdoor FTC camera with IR – illumination
up to 25m for night shooting

TR-D8121CL2

Model	TR-D8121CL2
Image sensor	1/2.8" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	FTC
Sensitivity	0.0015Lux (F1.0) / 0Lux (LED on)
LED range	up to 25 m
Lens (mm)	2.8 / 4.0
Field of view (horiz./vert.)	2.8 mm: 105° / 54° 4 mm: 81° / 44°
Axes setting	Pan: 0°-360° Tilt: 0°-110° Rotation: 0°-360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 3.5W PoE: 3.36W
Case material	Metal
Dimensions (mm)	Ø 93 x 92.2
Weight Net/Gross (g)	400 / 490
Ingress protection	IP66
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP outdoor camera with motorized lens

TR-D8122ZIR2 v6

Model	TR-D8122ZIR2
Image sensor	1/2.7" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.6)
IR range	up to 25 m
Lens (mm)	2.8 - 8 (motorized)
Field of view (horiz./vert.)	91°-54°±5° / 50°-30°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human Detection Line Crossing Intrusion Detection
Power consumption	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 5W PoE: 5.8W
Case material	Metal
Dimensions (mm)	Ø93 x 92.2
Weight Net/Gross (g)	380 / 480
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C





2 MP outdoor camera with motorized lens

TR-D8152ZIR2

Model	TR-D8152ZIR2
Image sensor	1/2.8" CMOS 5Mn
Resolution	5MP(2592x1944) 4MP(2592x1520) 3MP(2304x1296)
Frame rate	5MP@15fps 4MP@20fps 3MP@25fps
Electronic Shutter Speed	1/2 ~ 1/1 000 c
Day/Night Mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 25 m
Lens (mm)	2.8 - 8 (motorized)
Field of view (horiz./vert.)	83°-49°±5° / 61°-37°±5°
Axis setting	Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128Gb
Audio	Built-in microphone
Corridor mode	Yes
IVS	Human Detection Line Crossing Intrusion Detection
RTC	No
Power supply	PoE (802.3af) / 12V DC
Class PoE	3
Power consumption	DC: 5W PoE: 5.8W
Case material	Metall
Dimensions (mm)	Ø93 x 92.2
Weight Net/Gross (g)	380 / 480
Ingress protection	IP66, IK10
Lighting protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP indoor camera with IR – illumination up to 10m

TR-D7121IR1 v6

Model	TR-D7121IR1
Image sensor	1/2.7" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 10 m
Lens (mm)	1.9 / 2.8 / 3.6
Field of view (horiz./vert.)	1.8mm: 113°±5° / 61°±5° 2.8mm: 100°±5° / 54°±5° 3.6mm: 82°±5° / 44°±5°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Btrate	up to 8Mbps
Local storage	MicroSD up to 128Gb
Audio	Built-in microphone Built-in speaker
Motion detector	PIR-cehcop
Corridor mode	Yes
iVS	Human Detection Line Crossing Intrusion Detection
RTC	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 1.7W PoE: 2W
Case material	Plastic
Dimensions (mm)	60 x 99 x 32.8
Weight Net/Gross (g)	95 / 220
Working temperature	-10°C ... +50°C



5 MP indoor camera with IR – illumination up to 10m

TR-D7151IR1

Model	TR-D7151IR1
Image sensor	1/2.8" CMOS 5Mn
Resolution	5MP(2592x1944) 4MP(2592x1520) 3MP(2304x1296)
Frame rate	5MP@15fps 4MP@20fps 3MP@25fps
Electronic Shutter Speed	1/2 ~ 1/1 000 c
Day/Night Mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 10 m
Lens (mm)	1.4 / 2.8
Field of view (horiz./vert.)	1.4mm: 180° / 180° 1.9mm: 126°±5° / 95°±5° 2.8mm: 102°±5° / 72°±5°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128Gb
Audio	Built-in microphone Built-in speaker
Motion detector	PIR-sensor
Corridor mode	Yes
IVS	Human Detection Line Crossing Intrusion Detection
RTC	Yes
Power supply	PoE (802.3af) / 12V DC
Class PoE	3
Power consumption	DC: 3.9W PoE: 4.6W
Case material	Plastic
Dimensions (mm)	60 x 99 x 32.8
Weight Net/Gross (g)	95 / 220
Working temperature	-10°C ... +50°C



Wi – Fi camera with IR – illumination up to 10m

TR-D7121IR1W v3

Model	TR-D7121IR1W
Image sensor	1/2.7" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 10 m
Lens (mm)	2.8
Field of view (horiz./vert.)	100°±5° / 54°±5°
WDR	Real WDR (120dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone Built-in speaker
Corridor mode	Yes
Motion detector	Digital
Wi-Fi	2.4 Ghz
IVS	Human detection Line crossing Intrusion detection
Power	12V DC
Power consumption	2.4 W
Casing material	Plastic
Dimensions (mm)	60 x 99 x 32.8
Net/Gross weight (g)	85 / 280
Working temperature	-10°C ... +50°C





2 MP PTZ camera with IR – illumination up to 30m

TR-D5123IR3

Model	TR-D5123IR3
Image sensor	1/2.8" STARVIS CMOS 2Mn
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/1 ~ 1/30 000 sec
"Day/Night" mode	Mechanical ICR
Sensitivity	0.005Lux (F1.6) / 0Lux (IR on)
IR range	up to 30 meters
Lens (mm)	2.7-11, F1.6
Field of view (horiz./vert.)	102° - 36° / 54° - 20°
Optical zoom	x4
Digital zoom	x16
Pan/Tilt Range	Pan: 0° ~ 360° (infinite) Tilt: -15° ~ 90° (autoflip to 180°)
Manual Control Speed	Pan: 0.1°/s ~ 200°/s Tilt: 0.1°/s ~ 60°/s
Preset Speed	Pan: 100°/s Tilt: 60°/s
Auto focus	Yes
WDR	Real WDR (120dB)
Digital noise reduction	Ultra DNR (2D/3D)
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphon
ROI	Yes (up to 8 zones)
IVS	Yes
Power supply	PoE (802.3at) / 12V DC (3A)
PoE Class	4
Power consumption	13W
Dimensions (mm)	Ø133 x 116.5
Weight Net/Gross (g)	950
Ingress protection	IP66
Working temperature	-30°C ... +60°C



2 MP PTZ camera

TR-D5124

Model	TR-D5124
Image sensor	1/2.8" STARVIS CMOS 2MP
Resolution	FullHD(1920x1080) HD720P(1280x720)
Frame rate	FullHD@25fps HD720P@25fps
Electronic shutter speed	1/1 ~ 1/30 000 sec
"Day/Night" mode	Mechanical ICR
Sensitivity	0.005Lux (F1.6)
Lens (mm)	5.3-64 mm, F1.6-F4.4
Field of view (horiz.)	58.2° - 4.8°
Optical zoom	x12
Digital zoom	x16
Pan/Tilt Range	Pan: 0° ~ 360°(infinite) Tilt: -2° ~ 90° (autoflip to 180°)
Manual Control Speed	Pan: 0.1°/s ~ 300°/s Tilt: 0.1°/s ~ 120°/s
Preset Speed	Pan: 300°/s Tilt: 200°/s
Auto focus	Yes
WDR	Real WDR (120dB)
Digital noise reduction	Ultra DNR (2D/3D)
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	1 in / 1 out
IVS	Yes
Alarm IN/OUT	2 / 1
Power supply	PoE+ (802.3at) / 24V AC
Power consumption	12W
Dimensions (mm)	Ø170 x 155
Weight Net/Gross (g)	1800
Ingress protection	IP66, IK10
Working temperature	-30°C ... +60°C



2MP IR outdoor high-speed PTZ camera

TR-D6224IR10

Model	TR-D6224IR10
Image sensor	1/2.8" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@50fps
Electronic shutter speed	1/1 ~ 1/30 000 sec
"Day/Night" mode	Mechanical ICR
Sensitivity	0.003Lux (F1.6) / 0Lux (IR on)
IR range	up to 100 meters
Lens (mm)	4.8-120 mm, F1.6-F4.4
Field of view (horiz./vert.)	58.3° - 2.6° / 31.9° - 1.7°
Optical zoom	x25
Digital zoom	x16
Pan/Tilt Range	Pan: 0° ~ 360° (infinite) Tilt: -15° ~ 90° (autoflip to 180°)
Manual Control Speed	Pan: 0.1°/s ~ 200°/s Tilt: 0.1°/s ~ 120°/s
Preset Speed	Pan: 240°/s Tilt: 200°/s
Auto focus	Yes
WDR	Real WDR (120dB)
Digital noise reduction	2DNR / 3DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 20Mbps
Local storage	MicroSD up to 256GB
Audio	Two-way audio channel
ROI	Yes (up to 8 zones)
IVS	Yes
RTC	Yes
Alarm IN/OUT	2 / 1
Power supply	PoE+ (802.3at) / 12V DC (3A)
PoE Class	4
Power consumption	22W (IR on.)
Lightning protection	TVS 6000V
Case material	Aluminium
Dimensions (mm)	Ø160 x 295
Weight Net/Gross (g)	3000 / 4800
Ingress protection	IP66
Working temperature	-40°C ... +70°C



5MP compact all-weather high-speed PTZ IP – camera

TR-D6254

Model	TR-D6254
Image sensor	1/2.8" CMOS 5MP
Resolution	5MP(2560x1920) 4MP(2560x1440)
Frame rate	5MP@20fps 4MP/3MP/FullHD@25fps
Electronic shutter speed	1/1 ~ 1/30 000 sec
"Day/Night" mode	Mechanical ICR
Sensitivity	0.005Lux (F1.35)
Lens (mm)	4.9-156 mm, F1.35-F4.4
Field of view (horiz./vert.)	54.5° - 2.24° / 30.3° - 1.27°
Optical zoom	x32
Digital zoom	x16
Pan/Tilt Range	Pan: 0° ~ 360° (infinite) Tilt: 0° ~ 90° (autoflip to 180°)
Manual Control Speed	Pan: 0.1°/s ~ 350°/s Tilt: 0.1°/s ~ 250°/s
Preset Speed	Pan: 500°/s Tilt: 500°/s
Auto focus	Yes
WDR	Real WDR (120dB)
Digital noise reduction	2DNR / 3DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 20Mbps
Local storage	MicroSD up to 256GB
Audio	Two-way audio channel
ROI	Yes (up to 8 zones)
IVS	Yes
RTC	Yes
Alarm IN/OUT	2 / 1
Power supply	PoE+ (802.3at) / 24V DC (2.5A)
PoE Class	4
Power consumption	16W
Lightning protection	TVS 6000V
Case material	Aluminium
Dimensions (mm)	Ø186 x 253
Weight Net/Gross (g)	2500 / 4500
Ingress protection	IP67, IK10
Working temperature	-40°C ... +60°C





5MP IR outdoor high-speed PTZ IP – camera

TR-D6254IR15

Model	TR-D6254IR15
Image sensor	1/2.8" CMOS 5MP
Resolution	5MP(2560x1920) 4MP(2560x1440)
Frame rate	5MP@20fps 4MP/3MP/FullHD@25fps
Electronic shutter speed	1/1 ~ 1/30 000 sec
"Day/Night" mode	Mechanical ICR
Sensitivity	0.005Lux (F1.3) / 0Lux(IR on)
IR range	up to 150 meters
Lens (mm)	4.9-156 mm, F1.35-F4.4
Field of view (horiz./vert.)	54.5° - 2.24° / 30.3° - 1.27°
Optical zoom	x32
Digital zoom	x16
Pan/Tilt Range	Pan: 0° ~ 360° (infinite) Tilt: -10° ~ 90° (autoflip to 180°)
Manual Control Speed	Pan: 0.1°/s ~ 300°/s Tilt: 0.1°/s ~ 200°/s
Preset Speed	Pan: 400°/s Tilt: 300°/s
Auto focus	Yes
WDR	Real WDR (120dB)
Digital noise reduction	2DNR / 3DNR
Video compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	up to 20Mbps
Local storage	MicroSD up to 256GB
Audio	Two-way audio channel
ROI	Yes (up to 8 zones)
IVS	Yes
RTC	Yes
Alarm IN/OUT	2 / 1
Power supply	PoE+ (802.3at) / 24V AC (3A)
PoE Class	4
Power consumption	24W (IR on)
Lightning protection	TVS 6000V
Case material	Aluminium
Dimensions (mm)	478.4 x 295.1 x 185.7
Weight Net/Gross (g)	3900 / 7010
Ingress protection	IP66
Working temperature	-40°C ... +70°C



5 MP fisheye camera with IR – illumination up to 25m

TR-D9151IR2

Model	TR-D9151IR2
Image sensor	1/2.8" CMOS 5Mp
Resolution	5MP(2592x1944) 4MP(2592x1520) 3MP(2304x1296)
Frame rate	5MP@15fps 4MP@20fps 3MP@25fps
Electronic Shutter Speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 25 m
Lens (mm)	1.4
Field of view (horiz./vert.)	180° / 180°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128Gb
Audio	Built-in microphone AudioIn / AudioOut
Alarm In / Out	1 / 1
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
Class PoE	3
Power consumption	DC: 6.24W PoE: 6.72W
Case material	Metal
Dimensions (mm)	Ø120 x 58
Weight Net/Gross (g)	380 / 550
Ingress protection	IP65
Lightning protection	TVS 4000V
Working temperature	-30°C ... +60°C

«TREND PRO» LINE

Maximum capacity IP cameras



2 MP outdoor camera with IR – illumination up to 40m

TR-D2221WDIR4

Model	TR-D2221WDIR4
Image sensor	1/2.8" STARVIS CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 40 m
Lens (mm)	1.9 / 2.8 / 3.6
Field of view (horiz./vert.)	1.9mm: 118° / 62° 2.8mm: 108° / 58° 3.6mm: 88° / 47°
Axes setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone AudioOut
Alarm In/Out	1 / 1
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 7W PoE: 8W
Case material	Metal
Dimensions (mm)	184.67x66.50x63.05
Weight Net/Gross (g)	460 / 565
Ingress protection	IP67
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C





5 MP outdoor camera with IR – illumination up to 40m

TR-D2251WDIR4

Model	TR-D2251WDIR4
Image sensor	1/2.8" CMOS STARVIS 5MP
Resolution	5MP(2592x1944) 4MP(2592x1520)
Frame rate	5MP@20fps 4MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 40 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 95.1° / 73.1° 3.6mm: 78.3° / 58.1°
Axes setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 out
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection People Counting Loitering
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 8W PoE: 8.5W
Case material	Metal
Dimensions (mm)	184.67x66.50x63.05
Weight Net/Gross (g)	380 / 480
Ingress protection	IP67, IK08
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



2MP Bullet Wireless IP camera

TR-D2221WDIR4W

Model	TR-D2221WDIR4W
Image sensor	1/2.8" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 40 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 100°±5° / 54°±5° 3.6mm: 82°±5° / 44°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 360°
WDR	Real WDR (120dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone AudioOut
Alarm In/Out	1 / 1
Corridor mode	Yes
Wi-Fi	2.4 Ghz
IVS	Yes
Power	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 7W PoE: 8W
Casing material	Metal
Dimensions (mm)	184.3 x 67.3 x 63.9
Net/Gross weight (g)	460 / 565
Protection	IP67, TVS 4000V
Working temperature	-40°C ... +60°C





2 MP outdoor FTC camera for night shooting

TR-D2221WDC

Model	TR-D2221WDC
Image sensor	1/2.8" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	FTC
Sensitivity	0.0015Lux (F1.0)
Lens (mm)	4.0
Field of view (horiz./vert.)	80° / 43°
Axis setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection People Counting Loitering
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 1.8W PoE: 2.9W
Case material	Metal
Dimensions (mm)	184.7 x 68 x 63
Weight Net/Gross (g)	480 / 580
Ingress protection	IP67
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



Outdoor Full Time Color Camera

TR-D2251WDC

Model	TR-D2251WDC
Image sensor	1/2.7" CMOS 5MP
Resolution	5MP(2880x1632)
Frame rate	5MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	FTC
Sensitivity	0.0015Lux (F1.0)
Lens (mm)	2.8 / 4.0
Field of view (horiz./vert.)	2.8mm: 101° / 58° 4.0mm: 87° / 46°
Axis setting	Pan: 0°-360° Tilt: 0°-90° Rotation: 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 in / 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 1.8W PoE: 2.4W
Case material	Metal
Dimensions (mm)	184.7 x 68 x 63
Weight Net/Gross (g)	480 / 580
Protection	IP67, IK08
Power surge suppressor	TVS 4000V
Working temperature	-40°C ... +60°C





Outdoor Full Time Color Camera

TR-D2251WDCL4

Model	TR-D2251WDCL4
Image sensor	1/2.7" CMOS 5MP
Resolution	5MP(2880x1632)
Frame rate	5MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	FTC
Sensitivity	0.0015Lux (F1.0) / 0Lux (LED on)
LED range	up to 40 m
Lens (mm)	2.8 / 4.0
Field of view (horiz./vert.)	2.8mm: 101° / 58° 4.0mm: 87° / 46°
Axes setting	Pan: 0°-360° Tilt: 0°-90° Rotation: 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 in / 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 3.5W PoE: 5.8W
Case material	Metal
Dimensions (mm)	184.7 x 68 x 63
Weight Net/Gross (g)	480 / 580
Protection	IP67
Power surge suppressor	TVS 4000V
Working temperature	-40°C ... +60°C



Outdoor Full Time Color Camera

TR-D2253WDZCL7

Model	TR-D2253WDZCL7
Image sensor	1/2.7" CMOS 5MP
Resolution	5MP(2880x1632)
Frame rate	5MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	FTC
Sensitivity	0.0015Lux (F1.0) / 0Lux (LED on)
LED range	up to 70 m
Lens (mm)	2.7 - 13.5 (motorzoom)
Field of view (horiz./vert.)	103° - 33° / 56° - 19°
Axes setting	Pan: 0° Tilt: 0°-90° Tilt: 0°-360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 in / 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 7.4 W PoE: 8 W
Case material	Metal
Dimensions (mm)	234.3 x 77.5 x 73.4
Weight Net/Gross (g)	635 / 830
Protection	IP67, IK08
Power surge suppressor	TVS 4000V
Working temperature	-40°C ... +60°C





2 MP outdoor FTC camera with IR – illumination for night shooting

TR-D2221WDCL4

Model	TR-D2221WDCL4
Image sensor	1/2.8" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	FTC
Sensitivity	0.0015Lux (F1.0) / 0Lux (LED on)
LED range	up to 40 m
Lens (mm)	4.0
Field of view (horiz./vert.)	80° / 43°
Axes setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection People Counting Loitering
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 5.4W PoE: 6.2W
Case material	Metal
Dimensions (mm)	184.7 x 68 x 63
Weight Net/Gross (g)	480 / 580
Ingress protection	IP67
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP outdoor camera with varifocal lens and IR – illumination up to 70m

TR-D2223WDIR7

Model	TR-D2223WDIR7
Image sensor	1/2.8" STARVIS CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.002Lux (F1.3)
IR range	up to 70 m
Lens (mm)	2.7 - 13.5
Field of view (horiz./vert.)	107°-36° / 56°-20°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 in / 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 10.1W PoE: 10.5W
Case material	Metal
Dimensions (mm)	234.33x77.5x75.31
Weight Net/Gross (g)	635 / 830
Ingress protection	IP67, IK08
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C





5 MP outdoor camera with varifocal lens and
IR – illumination up to 70m

TR-D2253WDIR7

Model	TR-D2253WDIR7
Image sensor	1/2.8" CMOS STARVIS 5MP
Resolution	5MP(2592x1944) 4MP(2592x1520)
Frame rate	5MP@20fps 4MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.002Lux (F1.3)
IR range	up to 70 m
Lens (mm)	2.7 - 13.5
Field of view (horiz./vert.)	95.8°-29.6° / 69.6°-24.5°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 in / 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection People Counting Loitering
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 10.2W PoE: 10.7W
Case material	Metal
Dimensions (mm)	234.33x77.5x75.31
Weight Net/Gross (g)	640 / 830
Ingress protection	IP67, IK08
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP outdoor camera with motorized lens and
IR – illumination up to 40m

TR-D2222WDZIR4

Model	TR-D2222WDZIR4
Image sensor	1/2.8" STARVIS CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.6)
IR range	up to 40 m
Lens (mm)	2.8 - 8 (motorzoo,)
Field of view (horiz./vert.)	91° - 53° / 49° - 30°
Axes setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone AudioOut
Alarm In/Out	1 / 1
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 7.8W PoE: 9W
Case material	Metal
Dimensions (mm)	184.67x66.50x63.05
Weight Net/Gross (g)	460 / 575
Ingress protection	IP67
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP outdoor camera with motorized lens and
IR – illumination up to 70m

TR-D2223WDZIR7

Model	TR-D2223WDZIR7
Image sensor	1/2.8" STARVIS CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.002Lux (F1.3)
IR range	up to 70 m
Lens (mm)	2.7 - 13.5 (motorzoom)
Field of view (horiz./vert.)	102° -32° / 53° -18°
Axes setting	Pan: 0° - 360° Tilt: 0° - 105° Rotation: 0° - 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone AudioIn / AudioOut
Alarm In/Out	1 / 1
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 10.1W PoE: 10.5W
Case material	Metal
Dimensions (mm)	234.33x77.5x73.4
Weight Net/Gross (g)	635 / 830
Ingress protection	IP67, IK08
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP outdoor camera with motorized lens and
IR – illumination up to 70m

TR-D2224WDZIR7

Model	TR-D2224WDZIR7
Image sensor	1/2.8" STARVIS CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.3)
IR range	up to 70 m
Lens (mm)	5 - 50 (motorzoom)
Field of view (horiz./vert.)	42.3° -7.8° / 23.7° -4.5°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone AudioIn / AudioOut
Alarm In/Out	1 / 1
Corridor mode	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 10.5W PoE: 11W
Case material	Metal
Dimensions (mm)	234.33x77.5x73.4
Weight Net/Gross (g)	635 / 830
Ingress protection	IP67, IK08
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C





5 MP outdoor camera with motorized lens and IR – illumination

TR-D2252WDZIR4

Model	TR-D2252WDZIR4
Image sensor	1/2.8" CMOS STARVIS 5MP
Resolution	5MP(2592x1944) 4MP(2592x1520)
Frame rate	5MP@20fps 4MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.6)
IR range	up to 40 m
Lens (mm)	2.8 - 8 (motor-zoom)
Field of view (horiz./vert.)	88.7° - 51.8° / 67.1° - 39.5°
Axes setting	Pan: 0°-360° Tilt: 0°-105° Rotation: 360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection People Counting Loitering
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 8.8W PoE: 9.3W
Case material	Metal
Dimensions (mm)	184.67x66.50x63.05
Weight Net/Gross (g)	380 / 480
Ingress protection	IP67, IK08
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



Outdoor camera with motorized lens and IR – illumination up to 70m

TR-D2253WDZIR7

Model	TR-D2253WDZIR7
Image sensor	1/2.8" CMOS STARVIS 5MP
Resolution	5MP(2592x1944) 4MP(2592x1520)
Frame rate	5MP@20fps 4MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.002Lux (F1.3)
IR range	up to 70 m
Lens (mm)	2.7 - 13.5
Field of view (horiz./vert.)	95.8°-29.6° / 69.6°-24.5°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 in / 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection People Counting Loitering
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 10.2W PoE: 10.7W
Case material	Metal
Dimensions (mm)	234.33x77.5x75.31
Weight Net/Gross (g)	640 / 830
Ingress protection	IP67, IK08
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C





2 MP camera with IR – illumination up to 20m

TR-D4221WDIR2

Model	TR-D4221WDIR2
Image sensor	1/2.8" STARVIS CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 20 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 99° / 56° 3.6mm: 82.5° / 44.5°
Axes setting	Pan: 0° Tilt: 0°-90° Rotation: 0°-55°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone Audioln / AudioOut
Corridor mode	Yes
RTC	Yes
Power supply	PoE (802.3af) / 12V DC (1A)
PoE Class	3
Power consumption	DC: 5.5W PoE: 5.9W
Case material	Metal
Dimensions (mm)	Ø102.20 x 56.38
Net/Gross weight (g)	310 / 400
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



5 MP camera with IR – illumination up to 20m

TR-D4251WDIR2

Model	TR-D4251WDIR2
Image sensor	1/2.8" CMOS STARVIS 5MP
Resolution	5MP(2592x1944) 4MP(2592x1520)
Frame rate	5MP@20fps 4MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 20 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 95.1° / 73.1° 3.6mm: 78.3° / 58.1°
Axes setting	Pan: 0° Tilt: 0°-90° Rotation: 0°-55°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 in / 1 out
Corridor mode	Yes
RTC	Yes
IVS	Human detection Line crossing Intrusion detection People Counting Loitering
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 7W PoE: 7.5W
Case material	Metal
Dimensions (mm)	Ø102.2 x 56.4
Weight Net/Gross (g)	320 / 420
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C





2MP Outdoor IP – camera

TR-D3221WDIR3

Model	TR-D3221WDIR3
Image sensor	1/2.8" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 30 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 100°±5° / 54°±5° 3.6mm: 82°±5° / 44°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-80° Rotation: 0°-360°
WDR	Real WDR (120dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone AudioIn / AudioOut
Alarm In/Out	1 / 1
Corridor mode	Yes
IVS	Yes
Power	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 8W PoE: 8.8W
Casing material	Metal
Dimensions (mm)	Ø116.10 x 96.51
Net/Gross weight (g)	450 / 580
Protection	IP66, IK10
Power surge suppressor	TVS 4000V
Working temperature	-40°C ... +60°C



2MP Wireless IP – camera

TR-D3221WDIR3W

Model	TR-D3221WDIR3W
Image sensor	1/2.8" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.005Lux (F1.8)
IR range	up to 30 m
Lens (mm)	2.8
Field of view (horiz./vert.)	100°±5° / 54°±5°
Axes setting	Pan: 0°-360° Tilt: 0°-80° Rotation: 0°-360°
WDR	Real WDR (120dB)
Digital Noise Reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone AudioIn / AudioOut
Alarm In/Out	1 / 1
Corridor mode	Yes
Wi-Fi	2.4 Ghz
IVS	Yes
Power	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 8W PoE: 8.8W
Casing material	Metal
Dimensions (mm)	Ø116.1 x 96.5
Net/Gross weight (g)	450 / 600
Protection	IP66, IK10
Power surge suppressor	TVS 4000V
Working temperature	-40°C ... +60°C





2 MP outdoor camera with motorized lens and
IR – illumination up to 30m

TR-D3223WDZIR3

Model	TR-D3223WDZIR3
Image sensor	1/2.8" STARVIS CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.6)
IR range	up to 30 m
Lens (mm)	2.7 - 13.5 (motor-zoom)
Field of view (horiz./vert.)	96.6°-29° / 52.2°-16.3°
Axes setting	Pan: 0°-360° Tilt: 0°-70°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Alarm In / Out	1 / 1
Corridor mode	Yes
RTC	No
Power supply	PoE (802.3af) / 12V DC (1A)
PoE Class	3
Power consumption	DC: 8W PoE: 8.8W
Case material	Metal
Dimensions (mm)	Ø116.10 x 96.51
Weight Net/Gross (g)	520 / 650
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



5 MP outdoor camera with motorized lens and
IR – illumination up to 30m

TR-D3253WDZIR3

Model	TR-D3253WDZIR3
Image sensor	1/2.8" CMOS STARVIS 5MP
Resolution	5MP(2592x1944) 4MP(2592x1520)
Frame rate	5MP@20fps 4MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.002Lux (F1.3)
IR range	up to 30 m
Lens (mm)	2.7 - 13.5 (motor-zoom)
Field of view (horiz./vert.)	94.5°-29.8° / 69°-24.5°
Axes setting	Pan: 0°-360° Tilt: 0°-70°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection People Counting Loitering
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 8.2W PoE: 8.7W
Case material	Metal
Dimensions (mm)	Ø116.10 x 96.51
Weight Net/Gross (g)	520 / 650
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C





2 MP outdoor camera with IR – illumination up to 30m

TR-D8221WDIR3

Model	TR-D8221WDIR3
Image sensor	1/2.8" STARVIS CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 30 m
Lens (mm)	1.9 / 2.8 / 3.6
Field of view (horiz./vert.)	1.9mm: 122° / 63° 2.8mm: 108° / 58° 3.6mm: 86° / 47°
Axes setting	Pan: 0°-360° Tilt: 0°-110° Rotation: 0°-360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone AudioOut
Corridor mode	Yes
RTC	No
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 7.6W PoE: 8.8W
Case material	Metal
Dimensions (mm)	Ø93 x 92.2
Weight Net/Gross (g)	400 / 490
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



5 MP outdoor camera with IR – illumination up to 30m

TR-D8251WDIR3

Model	TR-D8251WDIR3
Image sensor	1/2.8" CMOS STARVIS 5MP
Resolution	5MP(2592x1944) 4MP(2592x1520)
Frame rate	5MP@20fps 4MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 30 m
Lens (mm)	2.8 / 3.6
Field of view (horiz./vert.)	2.8mm: 95.1° / 73.1° 3.6mm: 78.3° / 58.1°
Axes setting	Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 out
Corridor mode	Yes
Alarm In / Out	1 / 1
IVS	Human detection Line crossing Intrusion detection People Counting Loitering
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 7W PoE: 7.5W
Case material	Metal
Dimensions (mm)	Ø93 x 92.2
Weight Net/Gross (g)	380 / 480
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C





2 MP outdoor FTC camera for night shooting

TR-D8221WDC

Model	TR-D8221WDC
Image sensor	1/2.8" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	FTC
Sensitivity	0.0015Lux (F1.0)
Lens (mm)	4.0
Field of view (horiz./vert.)	80° / 43°
Axes setting	Pan: 0°-360° Tilt: 0°-110° Rotation: 0°-360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection People Counting Loitering
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 1.8W PoE: 2.9W
Case material	Metal
Dimensions (mm)	Ø93 x 92.2
Weight Net/Gross (g)	400 / 490
Ingress protection	IP66, IK10
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C



2 MP outdoor FTC camera for night shooting camera with IR – illumination up to 30m

TR-D8221WDCL3

Model	TR-D8221WDCL3
Image sensor	1/2.8" CMOS 2MP
Resolution	FullHD(1920x1080)
Frame rate	FullHD@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	FTC
Sensitivity	0.0015Lux (F1.0) / 0Lux (LED on)
LED range	up to 30 m
Lens (mm)	4.0
Field of view (horiz./vert.)	80° / 43°
Axes setting	Pan: 0°-360° Tilt: 0°-110° Rotation: 0°-360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection People Counting Loitering
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 4.2W PoE: 4.8W
Case material	Metal
Dimensions (mm)	Ø93 x 92.2
Weight Net/Gross (g)	400 / 490
Ingress protection	IP66
Lightning protection	TVS 4000V
Working temperature	-40°C ... +60°C





Outdoor Full Time Color Camera

TR-D8251WDC

Model	TR-D8251WDC
Image sensor	1/2.7" CMOS 5MP
Resolution	5MP(2880x1632)
Frame rate	5MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	FTC
Sensitivity	0.0015Lux (F1.0)
Lens (mm)	2.8 / 4.0
Field of view (horiz./vert.)	2.8mm: 101° / 58° 4.0mm: 87° / 46°
Axes setting	Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 in / 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 1.8W PoE: 2.4W
Case material	Metal
Dimensions (mm)	Ø 93 x 92.2
Weight Net/Gross (g)	400 / 490
Protection	IP66, IK10
Power surge suppressor	TVS 4000V
Working temperature	-40°C ... +60°C



Outdoor Full Time Color Camera

TR-D8251WDCL3

Model	TR-D8251WDCL3
Image sensor	1/2.7" CMOS 5MP
Resolution	5MP(2880x1632)
Frame rate	5MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	FTC
Sensitivity	0.0015Lux (F1.0) / 0Lux (LED on)
LED range	up to 30 m
Lens (mm)	2.8 / 4.0
Field of view (horiz./vert.)	2.8mm: 101° / 58° 4.0mm: 87° / 46°
Axes setting	Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-360°
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 in / 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Yes
Power supply	PoE (802.3af) / 12V DC
PoE Class	0
Power consumption	DC: 3.6W PoE: 4.5W
Case material	Metal
Dimensions (mm)	Ø 93 x 92.2
Weight Net/Gross (g)	400 / 490
Protection	IP66, IK10
Power surge suppressor	TVS 4000V
Working temperature	-40°C ... +60°C



5 MP standard IP – camera

TR-D1250WD

Model	TR-D1250WD
Image sensor	1/2.8" CMOS STARVIS 5MP
Resolution	5MP(2592x1944) 4MP(2592x1520)
Frame rate	5MP@20fps 4MP@25fps
Electronic shutter speed	1/2 ~ 1/1 000 s
Day/Night mode	Mechanical ICR
Sensitivity	0.001Lux (F1.2)
Lens (mm)	C/CS mount
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 in / 1 out
Alarm In / Out	1 / 1
Corridor mode	Yes
IVS	Human detection Line crossing Intrusion detection People Counting Loitering
Power supply	PoE (802.3af) / 12V DC
PoE Class	3
Power consumption	DC: 5W PoE: 5.5W
Case material	Metal
Dimensions (mm)	157.9 x 76 x 70
Weight Net/Gross (g)	450 / 550
Lightning protection	TVS 4000V
Working temperature	-10°C ... +50°C



5 MP fisheye camera with IR – illumination up to 30m

TR-D9251WDIR3

Model	TR-D9251WDIR3
Image sensor	1/2.8" CMOS STARVIS 5MP
Resolution	5MP(2592x1944) 4MP(2592x1520)
Frame rate	5MP@20fps 4MP@25fps
Electronic Shutter Speed	1/2 ~ 1/1 000 s
Day/Night Mode	Mechanical ICR
Sensitivity	0.003Lux (F1.8)
IR range	up to 30 m
Lens (mm)	1.4
Field of view (horiz./vert.)	180° / 180
WDR	Real WDR (120dB)
Digital noise reduction	3D DNR
Video compression	H.265+ / H.265 / H.264
Bitrate	up to 8Mbps
Local storage	MicroSD up to 128GB
Audio	Built-in microphone 1 In / 1 Out
Alarm In / Out	1 / 1
Corridor mode	Yes
RTC	No
Power supply	PoE (802.3af) / 12V DC
Class PoE	3
Power consumption	DC: 10.5W PoE: 11W
Case material	Metal
Dimensions (mm)	Ø120 x 58
Weight Net/Gross (g)	380 / 550
Ingress protection	IP65
Lightning protection	TVS 4000V
Operating conditions	-30°C ... +60°C

Contacts

🌐 trassir.com

✉ welcome@trassir.com

VMS Catalogue



Success stories



TRASSIR[®]

CCTV ECOSYSTEM

www.trassir.com