

## **DATASHEET**

TRASSIR PC Server 8400R/32 INT TRASSIR PC Server 8408R/32 INT TRASSIR PC Server 8416R/32 INT TRASSIR PC Server 8432R/32 INT



#### TRASSIR PC Server 8400R/32 INT, TRASSIR PC Server 8408R/32 INT, TRASSIR PC Server 8416R/32 INT,

**TRASSIR PC Server 8432R/32 INT** are the network video recorder for IP-cameras running TRASSIR OS (Linux) with the support of processing video analytics based on neural networks: detection of people entering a zone, counting the number of people in a zone (for example, in a queue), as well as archive search. The video recorders also support offload analytics (receiving and processing images transmitted from other TRASSIR servers)

# Rear panel1:



- 1. 220V power supply
- 2. Video output
- 3. PS/2 (keyboard and mouse)
- 4. USB 2.0 and 3.0 (Type-A)
- 5. USB 3.0 (Type-A)
- 6. RJ-45 for Ethernet
- 7. Audio inputs / outputs

## Basic equipment:

•	Network video recorder (assembled and packaged)	1pcs.
•	Keyboard (USB)	1pcs.
•	Mouse (USB)	1pcs.
•	Power cord	
•	Device datasheet	1pcs.
•	Warranty card	1pcs.

## Warranty service:

• Specify the information about the warranty on <u>www.trassir.com</u>.

<sup>&</sup>lt;sup>1</sup> All rights reserved. Design and specifications are subject to change without notice.

# Specification:

Working temperature  USB interfaces  Net / Gross weight, kg³ Package / device dimensions (WxDxH), mm  Resolution of cameras Bitrate Playback rate  Playback rate  Video compression Audio compression Video outputs  Video outputs  Maximum video output resolution  Audioinputs / Audiooutputs  TRASSIR OS (based on OS Linux)  1030°C  4 USB 2.0 (Type-A), 2 x USB 3.2 Gen1 (Type-A) on rear panel 2 USB 2.0 (Type-A) on front panel 5.3 / 6.8  540 x 520 x 175 / 482 x 390 x 89  Recording  Recording  no timits (depending on camera model <sup>4</sup> ) 640 Mbps 640 Mbps 640 Mbps 640 Mbps 6711a, G711u, PCM, AAC, G722.1 G726 MP2L2 1 D-SUB 1 DVI, 1 HDMI (duplicate) D-SUB, DVI: FullHD, HDMI: 4K 1 IN (jack 3.5mm) 1 OUT (jack 3.5mm)	pecification.		
Working temperature  USB interfaces  Net / Gross weight, kg Package / device dimensions (WxDxH), mm  Resolution of cameras Bitrate Playback rate Playback rate  Video compression Audio compression Audio compression Video output			General
USB interfaces Net / Gross weight, kg¹ Package / device dimensions (WxDxH), mm  Resolution of cameras Bitrate Playback rate Playback rate Playback rate Playback rate Video compression Audio compression Audio compression Audio inputs / Audiooutputs  Maximum video output resolution Audioinputs / Audiooutputs Network protocols Network protocols Network protocols  Network protocols  HDD  Video consumption  Network protocols  Network protocols  Network protocols  Trassir client, Android / iOS mobile app Trassir Cloud Connection Up to 0 USB 2 USB 2.0 (Type-A) on front panel 3 USB 2.0 (Type-A) on front panel 5 USB 2.0 (Type-A) on front panel 5 USB 2.0 (Type-A) on front panel 5 Storage Alusia (WxDxH), mm  Recording Recording  Recording  Audio / Video  Audio / Video  Audio / Video Audio / Vi	Operating system	TRASSIR OS (based on OS Linux)	
USB interfaces Net / Gross weight, kg³ Package / device dimensions (WxDxH), mm  Resolution of cameras Bitrate Playback rate Play			
USB interfaces Net / Gross weight, kg³ Package / device dimensions (WxDxH), mm Resolution of cameras Bitrate Playback rate Playback rate Playback rate Video compression Audio compression Audio inputs / Audiooutputs  Maximum video output resolution Audioinputs / Audiooutputs  Network interfaces Network protocols Network protocols Network protocols  Network protocols  HDD  Video connection Power supply Power consumption  Remote connection Remote connection Resolution of cameras and limits (depending on camera model <sup>4</sup> ) 640 Mbps 640 Mbps 640 Mbps 640 Mbps 732x - 32x  Audio / Video Recording Network protocols  Recording Network protocols  Recording Network interfaces 1 Ethernet 10,100,1000 Mbps TCP/IP, IPV4/V6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, ISCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage  HDD  A 3.5" HDDs of any capacity  Power supply Power consumption  Remote connection Up to 100 connection up up to 100 connection up up to 100 connection up up to 100 connections per server Yes	Working temperature	1030°C	
Net / Gross weight, kg¹ Package / device dimensions (WxDxH), mm  Resolution of cameras Bitrate Playback rate Playback rate Playback rate Playback rate Video compression Audio compression Video outputs Network interfaces Network interfaces Network protocols Network protocols Network protocols Network protocols Network protocols Network protocols Network undidensing on camera model(*)  Network protocols Network Network protocols Network N	•	4 USB 2.0 (Type-A), 2 x USB 3.2 Gen1 (Type-A) on rear panel	
Net / Gross weight, kg³ Package / device dimensions (WxDxH), mm  Resolution of cameras Bitrate Playback rate Playb	USB interfaces		
Package / device dimensions (WxDxH), mm  540 x 520 x 175 / 482 x 390 x 89  Recording  Resolution of cameras Bitrate 640 Mbps -32 x - 32 x  Playback rate  Playback rate  Nideo compression H.265+, H.265, H.264, MPEG4 or MJPEG (depending on camera model¹)  Video output³ 1 DVI, 1 HDMI (duplicate)  D-SUB, DVI: FullHD, HDMI: 4K  Audioinputs / Audiooutput 1 IN (jack 3.5mm)  1 UT (jack 3.5mm)  Network interfaces Network protocols  Network protocols  Network protocols  Power supply Power supply Power consumption  Remote connection  Remote connection  SSL encryption support  Yes  Resolution of x 482 x 390 x 89  Recording  Audio / Video  Audio	Net / Gross weight, kg3		
Resolution of cameras Bitrate 640 Mbps Playback rate -32x - 32x  Audio / Video Video compression Audio compression Video outputs Video outputs 1 D-SUB 1 DV, 1 HDMI (duplicate) D-SUB, DVI; FullHD, HDMI: 4K 1 IN (jack 3.5mm) 1 OUT (jack 3.5mm) 1 OUT (jack 3.5mm) 1 OUT (jack 3.5mm)  Network interfaces Network protocols Network protocols HDD Video outputs Trassir client, Android / iOS mobile app Remote connection Remote connection Remote connection Up to 1000 connections per server Yes			
Resolution of cameras Bitrate Playback rate Audio / Video Audio / Video Audio / Video Posuer a model 4)		540 x 520 x 175 / 482 x 390 x 89	
Resolution of cameras Bitrate 640 Mbps 7-32x - 32x  Audio / Video Video compression Audio compression Video output 1 D-SUB 1 DVI, 1 HDMI (duplicate) D-SUB, DVI: FullHD, HDMI: 4K 1 IN (jack 3.5mm) 1 OUT (jack 3.5mm)  Network interfaces Network protocols Network protocols Network protocols  HDD 4 3.5" HDDs of any capacity  Power supply Power consumption  Remote connection Remote connection Rudio / Video  Number (40 Mbps) Audio / Video	(,,		
Bitrate Playback rate -32x - 32x  Video compression Audio compression G711a, G711u, PCM, AAC, G722.1 G726 MP2L2  1 D-SUB 1 DVI, 1 HDMI (duplicate) D-SUB, DVI: FullHD, HDMI: 4K  Audioinputs / Audiooutputs 1 IN (jack 3.5mm)  Network interfaces 1 Ethernet 10/100/1000 Mbps TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, ISCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  HDD 4 3.5" HDDs of any capacity  Power supply Power consumption 500W  Features  Remote connection Up to 100 connections per server Yes			Recording
Playback rate  -32x - 32x  Audio / Video  Video compression Audio compression Audio compression Video output  Video output  Video output  D-SUB 1 DVI, 1 HDMI (duplicate) D-SUB, DVI: FullHD, HDMI: 4K 1 IN (jack 3.5mm) 1 OUT (jack 3.5mm) 1 OUT (jack 3.5mm)  Network interfaces Network protocols  Network protocols  Network protocols  Video output  1 Ethernet 10/100/1000 Mbps TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, iSCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage  HDD  4 3.5" HDDs of any capacity  Power supply Power consumption  Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server Yes	Resolution of cameras	no limits (depending on camera model <sup>4</sup> )	
Video compression Audio compression Audio compression Audio compression Video outputs  Video outputs  Video outputs  Video outputs  I DVI, 1 HDMI (duplicate) D-SUB, DVI: FullHD, HDMI: 4K  I IN (jack 3.5mm) 1 OUT (jack 3.5mm) 1 OUT (jack 3.5mm)  Network interfaces Network protocols  Network protocols  Network protocols  Network protocols  HDD  4 3.5" HDDs of any capacity  Power supply Power consumption  Remote connection  Remote connection Up to 100 connections per server  SSL encryption support  Video output  H.265+, H.265, H.264, MPEG4 or MIPEG (depending on camera model*)  6711a, G711u, PCM, AAC, G722.1 G726 MP2L2  1 D-SUB, DVI: FURD (duplicate) D-SUB, DVI: FullHD, HDMI: 4K  I IN (jack 3.5mm) 1 OUT (jack 3.5mm)  Network  Network  Network  Network  Network  Network protocols  TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, ISCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage  HDD  4 3.5" HDDs of any capacity  Power supply Power consumption  Features  Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server  Yes	Bitrate	640 Mbps	
Video compression Audio compression Audio compression Video outputs  Video outputs  D-SUB, DVI: FullHD, HDMI: 4K  Audioinputs / Audiooutputs  1 IN (jack 3.5mm) 1 OUT (jack 3.5mm) 1 OUT (jack 3.5mm)  TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, iSCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage  HDD  4 3.5" HDDs of any capacity  Power consumption  Remote connection  Remote connection  TRASSIR Cloud cloud connection Up to 100 connections per server  SSL encryption support  Video outputs  1 D-SUB, DVI: FullHD, HDMI (duplicate) D-SUB, DVI: FullHD, HDMI: 4K 1 IN (jack 3.5mm) 1 DVI (jack 3.5mm)  Network  1 Ethernet 10/100/1000 Mbps TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, iSCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage  HDD  4 3.5" HDDs of any capacity  Features  Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server Yes	Playback rate	-32x - 32x	
Video compression Audio compression Audio compression Video outputs  Video outputs  1 D-SUB 1 DVI, 1 HDMI (duplicate) D-SUB, DVI: FullHD, HDMI: 4K 1 IN (jack 3.5mm) 1 OUT (jack 3.5mm) 1 OUT (jack 3.5mm) 1 TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, iSCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage HDD  4 3.5" HDDs of any capacity  Power supply Power consumption  Remote connection Remote connection SSL encryption support  Yes  H.265+, H.265, H.264, MPEG4 or MIPEG (depending on camera model*) G711a, G711u, PCM, AAC, G722.1 G726 MP2L2 1 D-SUB 1 DVI, 1 HDMI (duplicate) D-SUB, DVI: FullHD, HDMI: 4K 1 IN (jack 3.5mm) 1 OUT (jack 3.5mm) Network Network interfaces 1 Ethernet 10/100/1000 Mbps TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, iSCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage HDD  4 3.5" HDDs of any capacity  Power supply Power supply Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server Yes			Audio / Video
Audio compression Video output  I D-SUB 1 DVI, 1 HDMI (duplicate) D-SUB, DVI: FullHD, HDMI: 4K  Audioinputs / Audiooutputs  Network interfaces Network protocols  Network protocols  HDD  4 3.5" HDDs of any capacity  Power supply Power consumption  Remote connection  Remote connection  SSL encryption support  Features  G711a, G711u, PCM, AAC, G722.1 G726 MP2L2  1 D-SUB 1 DVI, 1 HDMI (duplicate) D-SUB, DVI: FullHD, HDMI: 4K 1 IN (jack 3.5mm) 1 OUT (jack 3.5mm)  Network  1 Ethernet 10/100/1000 Mbps TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, ISCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage  HDD  Features  Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server Yes	Video compression	H 265+ H 265 H 264 MDEG4 or MIDEG (depending on camera model <sup>4</sup> )	Addio, Video
Video output <sup>3</sup> 1 D-SUB 1 DVI, 1 HDMI (duplicate) D-SUB, DVI: FullHD, HDMI: 4K 1 IN (jack 3.5mm) 1 OUT (jack 3.5mm) 1 OUT (jack 3.5mm) 1 OUT (jack 3.5mm)  Network interfaces Network protocols Network protocols 1 Ethernet 10/100/1000 Mbps TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, iSCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage HDD 4 3.5" HDDs of any capacity Power supply Power consumption Power supply Power consumption Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server Yes			
Network   Network   Toyl, 1 HDMI (duplicate)	Audio compression		
Maximum video output resolution Audioinputs / Audiooutputs  1 IN (jack 3.5mm) 1 OUT (jack 3.5mm) 1 Ethernet 10/100/1000 Mbps TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, iSCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage HDD 4 3.5" HDDs of any capacity  Power supply Power supply Power consumption Trassir client, Android / iOS mobile app Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server SSL encryption support	Video output <sup>5</sup>		
Maximum video output resolution Audioinputs / Audiooutputs  1 IN (jack 3.5mm) 1 OUT (jack 3.5mm)  Network Network interfaces Network protocols  Network protocols  1 Ethernet 10/100/1000 Mbps TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, iSCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage  HDD 4 3.5" HDDs of any capacity  Power supply Power consumption  Power supply Power consumption  Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server Yes			
Audioinputs / Audiooutputs  1 IN (jack 3.5mm) 1 OUT (jack 3.5mm)  Network  Network interfaces Network protocols  Network protocols  1 Ethernet 10/100/1000 Mbps TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, iSCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage  HDD 4 3.5" HDDs of any capacity  Power supply Power supply Power consumption  Features  Remote connection Up to 100 connections per server Yes	Maximum video output resolution		
Audioinputs / Audiooutputs  1 OUT (jack 3.5mm)  Network  Network interfaces Network protocols  Network protocols  1 Ethernet 10/100/1000 Mbps TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, iSCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage  HDD 4 3.5" HDDs of any capacity  Power supply Power supply Power consumption  Features  Remote connection Up to 100 connections per server  Yes	·		
Network interfaces Network protocols Network	Audioinputs / Audiooutputs		
Network interfaces Network protocols Network protocols  Network protocols  Network protocols  Network protocols  Network protocols  TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, iSCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage  HDD 4 3.5" HDDs of any capacity  Power supply Power consumption  Power supply Power consumption  Features  Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server  Yes		1 OUT (jack 3.5mm)	
Network protocols  TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, iSCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage  HDD 4 3.5" HDDs of any capacity  Power supply Power supply 220V Power consumption 500W  Features  Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server  SSL encryption support Yes			Network
Network protocols  TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, iSCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage  HDD	Network interfaces	1 Fthernet 10/100/1000 Mbps	
UPnP, HTTP/HTTPS, RTSP, ONVIF  Storage HDD 4 3.5" HDDs of any capacity  Power supply Power supply 220V Power consumption 500W  Features  Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server Yes			
HDD 4 3.5" HDDs of any capacity  Power supply Power consumption 500W  Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server Yes	Network protocols		
HDD 4 3.5" HDDs of any capacity  Power supply Power supply Power consumption 500W  Features  Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server  SSL encryption support Yes		,,,,	
Power supply Power consumption 220V Power consumption 500W  Features  Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server  SSL encryption support Yes			Storage
Power consumption 220V 500W  Features  Remote connection Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server SSL encryption support Yes	HDD	4 3.5" HDDs of any capacity	
Power consumption 220V 500W  Features  Remote connection Remote connection Up to 100 connections per server  SSL encryption support Yes			Dower sumply
Power consumption 500W  Features  Trassir client, Android / iOS mobile app  TRASSIR Cloud cloud connection Up to 100 connections per server  Yes	Power cupply	2201	Power supply
Remote connection  Remote connection  Trassir client, Android / iOS mobile app  TRASSIR Cloud cloud connection Up to 100 connections per server  SSL encryption support  Yes			
Remote connection Remote connection Up to 100 connections per server SSL encryption support Yes	Power consumption	JUUYY	
Remote connection TRASSIR Cloud cloud connection Up to 100 connections per server  SSL encryption support Yes			Features
Remote connection Up to 100 connections per server SSL encryption support Yes		Trassir client, Android / iOS mobile app	
Up to 100 connections per server  SSL encryption support  Yes	Remote connection		
SSL encryption support Yes			
	SSL encryption support	·	

<sup>&</sup>lt;sup>2</sup> 8400R/32 / 8408R/32 / 8416R/32 / 8432R/32 have 0/8/16/32 licenses to connect any supported IP-cameras.

SERIAL NUMBER
·

<sup>&</sup>lt;sup>3</sup> Depending on the accessories used, the weight of the video recorder may vary by ±10%.

<sup>&</sup>lt;sup>4</sup>You can find the list of the supported IP cameras and available working modes on <u>www.trassir.com.</u>

<sup>&</sup>lt;sup>5</sup> You can connect up to 2 monitors to the video recorder. The connectors on video card are not designed for connecting monitors.

### Learn more on analytics

