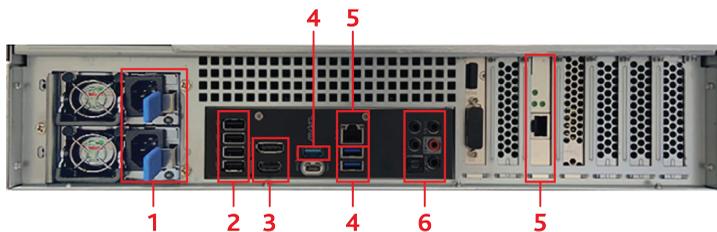# DATASHEET
TRASSIR NeuroStation 8800R/128-S RAID INT

TRASSIR NeuroStation 8800R/128-S RAID INT is a network video recorder for IP cameras under TRASSIR OS (Linux) for processing video analytics based on neural networks [1]. Up to 128 P cameras are available for recording and playback. The installation of up to 8 3.5" HDDs is available. Can be installed in 19", 2U rack. The video recorder also supports offload analytics (receiving and processing images transmitted from other TRASSIR servers).

Rear panel[2]

1. 220V power supply
2. USB 2.0
3. Video output interfaces
4. USB 3.2
5. RJ-45 for Ethernet
6. Audio inputs / outputs

Basic equipment

- Network video recorder (assembled and packaged) ....1pcs.
- Mouse (USB) ....1pcs.
- Keyboard (USB) ....1pcs.
- Power cord ....2pcs.
- 19" telescopic rails..1pcs.
- Datasheet ....1pcs.
- Warranty card ....1pcs.

Warranty service

- Specify the information about the warranty on www.trassir.com.

[1] A complete list of supported video analytics modules can be found on www.trassir.com.

[2] All rights reserved. Design and specifications are subject to change without notice.

Specification

Operating system	TRASSIR OS (based on OS Linux)
IP video input	Up to 128 IP channels
Working temperature	10...30ºC
USB interfaces	3 USB 3.2 Gen1, 4 USB 2.0 (Type A) on rear 2 USB 2.0 (Type A) on front panel
Net / Gross weight, kg[3]	19.1/24.4
Package / device dimensions (WxDxH), mm	565x710x195 / 485x555x90

Recording

Resolution of cameras	no limits (depending on camera mode[4])
Bitrate	720 Mbps
Playback rate	-32x - 32x

Audio / Video

Video compression	H.265+, H.265, H.264, MPEG4 or MJPEG (depending on camera model[4])
Audio compression	G711a, G711u, PCM, AAC, G722.1 G726 MP2L2
Video output[5]	1x DisplayPort, 1x HDMI
Maximum video output resolution	DisplayPort,HDMI - 4K
Audioinputs / Audiooutputs	1 IN (jack 3.5mm), 1 OUT (jack 3.5mm)

Network

Network interfaces	2 Ethernet 10/100/1000 Mbps
Network protocols	TCP/IP, IPv4/v6, UDP, DHCP, CloudConnect, DNS, NTP, SADP, SMTP, iSCSI, UPnP, HTTP/HTTPS, RTSP, ONVIF

Storage

HDD	8 HDDs (HotSwap) provided
RAID	Operates on RAID 50

Power supply

Power supply	220 V
Power consumption	550 W

Features

Remote connection	Trassir client, Android / iOS mobile app TRASSIR Cloud cloud connection Up to 100 connections per server
SSL encryption support	Yes
Video analytics	Up to 2 TRASSIR Neuro Detector channels (licenses included). Other modules are optional[6]

[3] Depending on the accessories used, the weight of the video recorder may vary by ±10%.
[4] You can find the list of the supported IP cameras and available working modes on www.trassir.com.
[5] You can connect up to 2 monitors to the video recorder.
[6] The number of channels may vary depending on conditions and software version. For exact calculations, please contact your sales representative.

DATE OF PRODUCTION

SERIAL NUMBER

KEY NUMBER

G28c3-2.8.23