



PRODUCT DATASHEET

TRASSIR NeuroStation 8600R/64-S



TRASSIR NeuroStation 8600R/64-S is a network video recorder intended for IP cameras running TRASSIR OS (Linux), applied for processing of video analytics based on neural networks¹. Recording, playback up to 64 IP cameras. Installation of up to 6 3.5" HDDs. Installation in a 19", 2U rack is possible. Support of Offload-analytics (receipt and processing of images transmitted from other TRASSIR servers). Ability to combine different types of TRASSIR modules.²

Description of the recorder back panel³



1. 220V power connectors
2. PS/2 socket (keyboard or mouse)
3. USB 2.0 connector unit
4. Connector unit for monitors connection
5. USB 3.1 socket
6. RJ-45 connectors for Ethernet connection
7. USB 3.0 connector unit
8. Audio inputs / outputs

Accessories included in the kit

• Recorder (assembled and packed form)	1 pc.
• Mouse (USB)	1 pc.
• Keyboard (PS/2)	1 pc.
• Power supply cable	2 pcs.
• Recorder rack mounting rail kit	1 pc.
• Product datasheet	1 pc.
• Warranty card	1 pc.
• Recorder user manual	1 pc.

Warranty service

- Two years warranty for the recorder beginning from the date of sale, but not more than 30 months from the date of manufacture.
- If there is no warranty card, then the warranty period is counted from the production date.
- Warranty service under the "[Replacement Server](#)" program.

¹ A complete list of supported video analytics modules is provided at www.trassir.com.

² In order to calculate the load of multiple modules on the server, please contact TRASSIR sales department specialists.

³ Overall appearance, number and location of connectors may vary.

The manufacturer reserves the right to change the recorder configuration without affecting its main parameters.

Product specifications

General specifications	
Operating system	TRASSIR OS (based on Linux)
IP video input	Up to 64 ch
Working temperature	10...30°C
USB interface	2 USB 3.0 (Type A), 2 USB 2.0 (Type A), 1 USB 3.1 (Type A), 1 USB 3.1 (Type C) on the rear panel 2 USB 2.0 (Type A) on the front panel
NET/GROSS weight, kg ⁴	16.5/18.1
Package / Device dimensions(WxDxH), mm	545x690x180 / 485x555x90
Recording	
Recording resolution	No limits (depending on camera model ⁵)
Bitrate	720 Mbps
Playback speed	-32x - 32x
Audio / Video	
Video compression format	H.265+, H.265, H.264, MPEG4 or MJPEG (depending on the IP camera model ⁵)
Audio compression format	G711a, G711u, PCM, AAC, G722.1 G726 MP2L2
Video output ⁶	1x DisplayPort, 1x D-SUB (VGA), 1x DVI-D
Maximum output resolution	DVI-D, D-SUB (VGA): FullHD DisplayPort:4K
Audio inputs/outputs	In: 1 jack 3.5mm Out: 1 jack 3.5mm
Network	
Network interface	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
Archive	
HDD	Up to 6 hard drives
Power	
Power supply voltage	220V
Power consumption limit	500W
Features	
Remote connection	Trassir client, from Android / iOS mobile client TRASSIR Cloud connection Up to 100 connections per server
SSL encryption support	Available
Neural network video analytics	Supported (optional modules)

⁴ Depending on the accessories used, the weight of the recorder may vary by ±10%.
⁵ The list of supported IP cameras and their operation modes is available at www.trassir.com
⁶ Up to 3 monitors can be connected to the recorder.

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MANUFACTURE DATE	UNIT SERIAL NUMBER
<div></div>	<div></div>
SECURITY KEY NUMBER	
<div></div>	