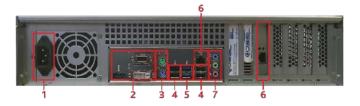# DATASHEET
TRASSIR PC Server 8400R/48-S

TRASSIR PC Server 8400R/48-S is the network video recorder for IP-cameras under TRASSIR OS (Linux), that supports processing video analytics based on neural networks[1]. Up to 48 IP cameras are available for recording and playback. The installation of up to 4 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. Video output interfaces
3. PS/2 (keyboard or mouse)
4. USB 2.0 (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.
- 19" telescopic rails... 1pcs.
- Power cord .... 1pcs.
- Device 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

	General
Operating system	TRASSIR OS (based on OS Linux)
IP video input[4]	Up to 48 IP channels
Working temperature	10...30ºC
USB interfaces	On front panel: 2 USB 3.2 Gen 1 / 2 USB 2.0 — On rear panel: 2 USB 3.2 Gen 1 / 4 USB 2.0
Net / Gross weight, kg[3]	9.9/13.6
Package / device dimensions (WxDxH), mm	675x550x195 / 482x550x89

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

	Audio/Video
Video compression	H.265+, H.265, H.264, MPEG4 or MJPEG (depending on IP camera[4])
Audio compression	G711a, G711u, PCM, AAC, G722.1 G726 MP2L2
Video output[5]	1 D-Sub (VGA), 1 HDMI, 1 DVI-D
Maximum video output resolution	D-Sub (VGA), DVI-D: FullHD, HDMI: 4K[5]
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	4 3.5'' HDDs of any capacity

	Power supply
Power supply	220V
Power consumption	500 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 48 TRASSIR Neuro Detector channels[6]. Other modules are optional

[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. The connectors on the discrete videocard are not designed for monitor connection.
[6] The number of channels may vary depending on conditions and the software version. Please contact your sales representative for exact calculations.

DATE OF PRODUCTION

KEY NUMBER

SERIAL NUMBER

G24m2-28.3.23