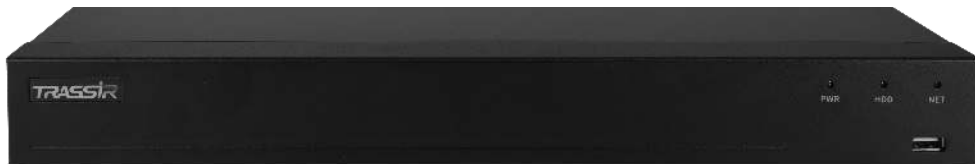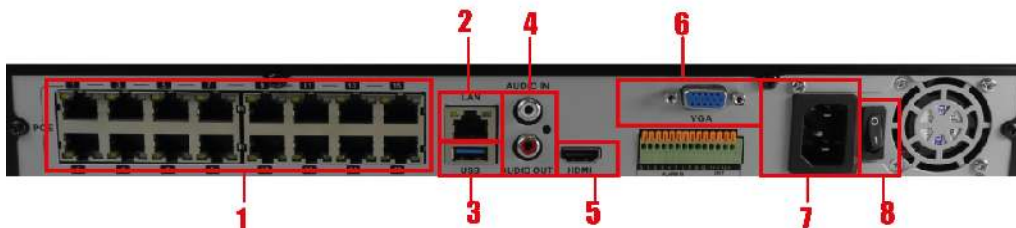# DATASHEET
TRASSIR MiniNVR 2216R-16P

TRASSIR MiniNVR 2216R-16P is a network video recorder for building CCTV systems. Up to 16 channels in up to 4K resolution are available for record, playback and display.

Rear panel[1]:

1. RJ-45 (PoE) for IP cameras
2. RJ-45 for Ethernet
3. USB 3.0
4. Audioinput / Audiooutput
5. HDMI
6. D-SUB(VGA)
7. 220V power supply
8. ON/OFF button

Basic equipment:

- ◆ Network Video Recorder on TRASSIR OS (assembled and packaged) .... 1pc.
- ◆ Power cord .... 1pc.
- ◆ Mouse .... 1pc.
- ◆ Set of fixing elements for 19" rack.. 1pc.
- ◆ HDD 3.5" / 2.5" mounting screws.. 8pcs.
- ◆ Datasheet .... 1pc.

Specification:

General	
Operating system	TRASSIR OS (based on OS Linux)
Maximum video capacity	**H.264:** 16 8MP@15fps IP cameras or 1 12MP@15fps IP camera + 15 8MP@15fps IP cameras **H.265:** 16 8MP@15fps IP cameras
Video compression	H.264 / H.265
IP video input	16 IP cameras[2]
Remote connection[3]	Connection, viewing live video/archive (no more than 5 connections at the same time): • TRASSIR Client app • Web browser • Android / iOS mobile app • Cloud connection
Power supply	AC 220V
Power consumption	Up to 220 W
Working temperature	0...30ºC
Device dimensions (WxDxH), mm	382 x 332 x 47
Package dimensions, mm	488 x 371 x 98
Net / Gross weight, kg	3.0 / 3.8

Videooutputs / Audiooutputs	
Video output	1 D-SUB(VGA) и 1 HDMI, duplicate/independent[4]
Maximum video output resolution	D-SUB(VGA): 1024x768, 1280x720, 1280x800, 1280x1024, 1366x768, 1440x900, 1920x1080 HDMI: 1024x768, 1280x720, 1280x800, 1280x1024, 1366x768, 1440x900, 1920x1080, 2560x1600, 3840x2160
Audio inputs/Audio outputs	1 IN(RCA), 1 OUT(RCA)

Recording	
Number of streams	2
Main steam resolution	Up to 12MP[5]
Sub stream resolution	Up to 720p[5]
Stream type	Video, video and audio
Bitrate per channel	• Main stream: up to 8 Mbps • Sub stream: up to 1 Mbps
Audio bitrate	Depending on connected IP camera

Playback	
Realtime video	• Main stream: 1 channel • Sub stream: up to 16 channels (720p)
Archive	• Main stream: 1 channel • Sub stream: up to 16 channels(720p)

Interfaces	
Network interface	1 Ethernet 10/100/1000 Mbps 16 Ethernet 10/100/1000 Mbps supporting of PoE 802.3af (up to 13W each)
USB interface	1 USB 2.0 on front panel 1 USB 3.0 on rear panel

HDD	
Storage capacity	2 2.5''/3.5'' HDDs up to 8TB (up to 10V in working mode)[6]

[2] The video recorder supports ActiveCam, TRASSIR, Hikvision, HiWatch, Dahua, Wisenet-samsung IP cameras and also ONVIF and RTSP cameras.
[3] Read more in the corresponding user manuals.
[4] The independent monitors can only be supported at 1920x1080 maximum resolution.
[5] You can find the list of the supported IP cameras and available working modes on www.trassir.com.
[6] You can find a list of the HDDs used to test the video recorder on www.trassir.com.

Warranty Service:

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

DATE OF PRODUCTION	SERIAL NUMBER

KEY NUMBER

A7m1-26.10.21