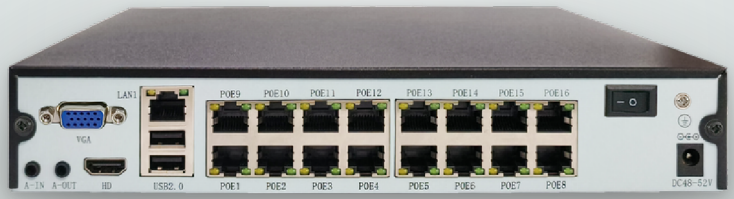
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NETWORK VIDEO RECORDER · POE

OV-NR16P16-2

16-Channel PoE NVR

- 16 IP camera channels, up to 4K (8MP) per channel
- 16 built-in PoE ports — plug-and-play with Orivue cameras
- 150 Mbps incoming bandwidth; playback 1 × 4K / 4 × 5MP / 9 × 1080p
- HDMI and VGA output; built-in speaker and mic support for two-way talk and broadcast
- Receives smart events from Orivue cameras: intrusion, line crossing, loitering, illegal parking
- ONVIF and RTSP; web browser, mobile app and PC client



16CH

16 CH · 4K Input · 16 PoE · 2 HDD · Two-Way Talk · ONVIF

CHANNELS	POE PORTS	HDD BAYS	BANDWIDTH
16	16	2	150 Mbps

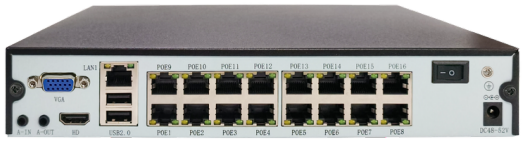
OV-NR16P16-2

16-Channel PoE NVR · Technical Specifications

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RECORDING	
Channels	16
Camera resolution	Up to 4K (8MP) per channel
Incoming bandwidth	150 Mbps
Decoding	Smart265 / H.265 / H.264
Playback	1 × 4K / 4 × 5MP / 9 × 1080p
Recording	Continuous and event recording; backup to MP4
NETWORK	
PoE ports	16
Network	1 × Gigabit RJ45 uplink
Protocols	ONVIF, RTSP, RTMP, DDNS, UPnP
Remote access	Web browser, mobile app, PC client
SMART	
Smart events	Receives events from Orivue cameras: person detection, region intrusion, line crossing, loitering, personnel absence, illegal parking
Alarm actions	Snapshot, email notification
Network diagnostics	Traffic monitoring, packet capture, network test

REAR PANEL



INTERFACES	
Video output	1 × HDMI, 1 × VGA (simultaneous)
Audio	1 × 3.5 mm in, 1 × 3.5 mm out; HDMI audio; two-way talk and broadcast
Storage	2 × SATA, up to 16 TB each
USB	3 × USB 2.0
GENERAL	
Form factor	1U
Dimensions (W × D × H)	12.83 × 9.57 × 2.05 in (326 × 243 × 52 mm), wall mountable
Power supply	DC 52 V, 4.62 A
Power consumption	≤ 100 W
Compliance	NDAA Section 889

ORDERING INFORMATION

OV-NR16P16-2	16-Channel PoE NVR, hard drive not included