



LOGIPIX NVR RACK-MOUNT 4TH GEN

Logipix NVR Rack-mount is a 4th generation, high performance network video recorder specially designed for the Logipix ONE camera family. Logipix ONE cameras or Logipix Panorama cameras can be connected to the device through its first 10Gbit SFP+ socket. The Logipix Storage Expansion Units can be connected through its second 10Gbit SFP+ socket. Besides it is equipped with a 1Gbit connection for remote monitoring. It manages up to 16 pieces of hot-swap SATA HDDs and external Logipix Storage Expansion Units can be connected to it to increase the storage capacity. The device uses the VRM fail-safe file-system to store the video stream, which means the frames of the video are stored divided between the installed HDDs. 7 Gbit/sec recording speed ensures the reliable recording of the 20 FPS video streams of the Logipix ONE cameras without any

KEY FEATURES

- 1 port 10Gbit SFP+ socket for Logipix ONE cameras
- 1 port 10Gbit SFP+ socket for Storage Expansion Units / remote monitoring
- 1 port 1Gbit copper for remote monitoring
- 7Gbit/sec recording speed
- Up to 192 TB storage capacity without storage extender
- Logipix Storage Expansion units for further storage capacity (optional)
- Intelligent image transmission
- VRMTM Fail-safe file system
- Built-in RAID function
- Rack-mount enclosure

TECHNICAL SPECIFICATION

Part number	LNVR4-16-16-I
Description	LNVR 4th gen. 6Ux 400 mmx19" rack, 1x10Gbit SFP+ for cameras, 1x10Gbit SFP+ and 1x1 Gbit for remote monitoring, 16 hot-swap SATA HDD bay, max. 3 pcs LNVR4-SE-16-I, with VCA license
Application	Logipix VCA System
Number of Cameras	1pc of 320 MP LPAN2-320-02 Panorama camera or 1 pc of 200 MP LPAN2-200-02 Panorama Camera or LPIX20-ONE-DNI cameras can be connected
Number of HDDs	16
CPU board	Linux Operating System 12 Cores 3.8GHz CPU Diskless operation
Network	1 port 10Gbit SFP+ socket for Logipix cameras 1 port 10Gbit SFP+ socket for Logipix Storage Expansion units / remote monitoring 1 port 1Gbit copper for remote monitoring
Storage	SATA HDDs up to 192 TByte (can be increased with Storage Expansion Unit) VRM™ Failsafe Filesystem Built-in RAID function
Storage Extender	maximum 3 pcs of LNVR4-SE-16-I up to 768 TByte
Intelligence	Integrated Video Content Analysis
Approvals	EN 55032:2015/AC:2016, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 50130-4:2011/A1:2015, IEC/EN 60529 IP66, IEC 60950-1

ELECTRICAL SPECIFICATION

Operating temperature	10°C - 35°C (50 °F to +95 °F)
Supply voltage	110 - 230 V AC
Power consumption	500 W

MECHANICAL SPECIFICATION

Weight	19.5 kg (43 lbs)
Dimensions (W × D × H)	490 × 400 × 270 mm (6U 19" rackmount)
Package gross weight	23.5 kg (51.8 lbs)
Package dimensions	635 × 515 × 395 mm

RELATED COMPONENTS

LOGIPIX CAMERAS (HIGHLIGHTED RECOMMENDATIONS)

Part number	Description
LPAN2-320-02	Logipix 320 Megapixel panoramic camera 40° double row, with wiper and washer
LPAN2-200-02	Logipix 200 Megapixel Panorama camera 180° double row, with wiper and washer
LPIX20-ONE-DNI	Logipix One 20 Megapixel, 1" IP camera with ABF and 3 optical filter

LOGIPIX STORAGE EXPENSION

Part number	Description
LNVR4-SE-16-I	Logipix 4th gen. Storage Expansion Unit, 6Ux400mmx19" rackmount case, PSU, 16 hot-swap SATA HDDs

LOGIPIX SOFTWARE

Part number	Description
SDB08-CCU	Control Center Ultimate for central monitoring
SVM01-U	Ultimate video monitoring client

APPLICATION AREAS

Logipix 4th generation NVR Rack-mount has been designed to serve the recording and intelligent image transmission tasks in large-scale video surveillance systems, built primarily with Logipix Panorama and Logipix ONE cameras. The LNVR can be efficiently used in wide where a lot of cameras are necessary to cover the entire area.

- **Wide Area Monitoring solution**
- **Traffic Video Monitoring solution**