



Network IP Video Recorder

model CVNVR-16

In a compact form factor, the perfect **storage and viewing** complement to a CheckVideo solution.



Reliable protection has never been this simple.

The versatile 16-channel CheckVideo **Network IP Video Recorder** (CVNVR-16) complements your CheckVideo cameras, offering 24x7 on-site recording in a compact form factor. Instead of using edge recording capabilities on the camera, video is recorded directly to the CVNVR-16. With patented, intelligent analytics-driven compression technology onboard, CheckVideo cameras plus the Network IP Video Recorder can guarantee 30 days of recording for 16 standard definition streams or up to 8 full high definition streams.

The **Network IP Video Recorder** is also a matrix player and can display low-latency live video from CheckVideo cameras on the network. With support included for the HDMI standard, the CVNVR-16 is compatible with a wide variety of high resolution displays. It can display up to 16 camera feeds at a time, with the option to expand any view to full screen. Incorporating dynamic stream switching, it automatically selects the best stream for the supported resolution, seamlessly transitioning to HD in full-screen mode.

FEATURES



SMART MATRIX

A local matrix display is available on a connected HDMI monitor. Analytics-triggered video highlights draw attention to up to 16 cameras that show various levels of activities and alerts (user defined.)



NVR

24x7 video recording guaranteed 30 days with remote playback, backup and search. NO additional hardware or software licenses to purchase!



CHECKVIDEO CLOUD VMS™

No software to download or install -- ever. Each channel has built-in tamper detection and 24/7 health monitoring.

BENEFITS

MANAGED SOLUTION

CVNVR-16 is part of CheckVideo's fully managed video services, fully integrated with the Cloud VMSTM. All configuration and programming of the CVNVR-16 is performed remotely by authorized users.

FEDERATE MULTIPLE SITES

With federation services included, any number of CVNVR-16 devices can be combined to create a totally scalable video solution that spans multiple sites and disparate networks.

HIGH RELIABILITY

Embedded appliance with continuous monitoring of disk health and error recovery logic built-in.

NETWORK SECURITY

Built-in network encryption keeps data safe. Automated software updates ensure the system always has the latest features and remains completely secure.



SYSTEM

Fanless embedded computer with 4GB RAM
HDMI 1.4a Port
Integrated 10/100/1000 Ethernet Network connection
1TB or 2TB HDD based on selected configuration
Embedded Linux OS with auto-updates
Built-in hard-drive records 16 cameras in standard definition or 4/8 cameras in 1080p full HD for 30+ days

ENVIRONMENT

Operating temperature

0° C to +50° C

Storage temperature

-20° C to +70° C

Product safety

IEC 60950-1
UL 60950-1
EN 60950-1
CAN/CSA-C22.2 No. 60950-1

Regulations and standards

(CLASS B)
CISPR 22
FCC CFR Title 47, Chapter I, Part 15, Subparts A, B
ICES-003
EN 55022
EN 55024
VCCI V-3, V-4
KN-22
KN-24
CNS 13438
RoHS Directive 2011/65/EU
WEEE Directive 2002/96/EC
China RoHS MII Order #39

SMART MATRIX

Local matrix display on HDMI monitor (not included)
1x1, 2x2, 3x3 or 4x4 matrix supported
Auto switching to HD full screen display on click

VIDEO

INPUTS

16 channels H.264 IP video inputs

RECORDING

30 days of SD (480i/240p) recording with 16 channels
OR
30 days of HD (1080p) recording with 4 channels (8 channels with 2TB HDD)

HARDWARE MANAGEMENT

Watchdog timer
Fanless thermal solution
Fan speed control
Voltage and temperature sensing
Fan sensor inputs used to monitor fan activity

MECHANICAL

Dimensions

7.48" x 4.56" x 1.57" (190 mm x 116 mm x 40 mm)
Vertical stand and VESA mount
Kensington lock hole

Power

12-19V DC back panel power connector
• 12V, 36W wall-mount AC-DC power adapter