

# IP Video Surveillance

## VN4016-P

### Network Video Recorder

**XX**VIDEOTEKNIKA



## Overview

VIDEOTEKNIKA 4000 Series is robust and reliable range of Network Video Recorders with Full HD 1080p local display capability and recording benchmark of up to 5 Megapixel. The VN4016-P ensures unrivaled video recording quality in multiple applications on an open platform in live and also in playback. The VN4016-P has a standard availability of 4 Hard Disks bays allowing recording capacity of up to 24TB. Backup facility is available via the network ports through the VVMS and allows for local backups via USB. This NVR comes with 16 independent PoE network interfaces.

## Supported Cameras

The NVR supports all Videoteknika IP Cameras and is fully compatible with our Videoteknika's VVMS Software. It functions on an open platform policy allowing for various 3rd party IP camera integration. Within the Videoteknika range various video encoders and video decoders are available to further more expand the flexibility for the system integrator and ensure total system synchronization. Each channel on-board the NVR allows for dual streaming with the mainstream supporting up to 5MP of recording resolution.

## Storage Features

The NVR allows for individual channel recording allocation ensuring the right data capacity is assigned through the relative camera depending on its streaming resolution. Instant playback is also possible via the Videoteknika reverse instant playback capability which is unique to Videoteknika NVRs. Digital zooming while live or playback is standard with any high resolution recording camera.

## Supported Software

The NVR is supported by the Videoteknika VVMS-Xpert VMS. VMS is a modular Video Management Software dedicated for Videoteknika IP cameras expandable up to 1024 Channels per server. A 64 Ch version VVMS - Advanced is supplied as a free bundled software with all Videoteknika IP Cameras VVMS Mobile is also available on Iphone and Android applications. Videoteknika IP cameras are supported by various leading software development VMS partners.

## Main Features

- 16 CH Built-in POE
- Recording Quality up to 6MP
- 160Mbps Incoming Bandwidth
- 2-Way Audio
- H.264 video compression
- USB 2.0 X 2 and DVD
- VCA Video Content Analytics
- Simultaneous HDMI & VGA outputs
- 16 Alarm in / 4 Alarm out
- Self Adaptive 10m/100m/1000m network interface
- P2P remote access supported Push Notifications
- Up to 24TB (4 SATA port)
- Videoteknika - VVMS - Advanced VMS software included
- Videoteknika - VVMS - Mobile supported on App store

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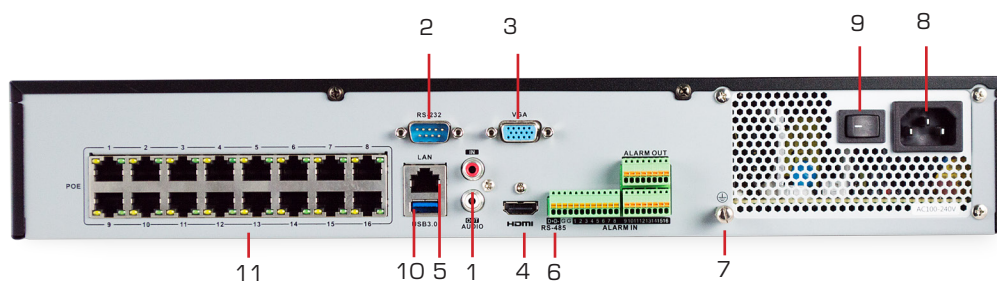


#### Specifications

NVR Model	VN4016
<b>Features</b>	
IP Video Input	16-Channels
Two-way Audio	1-ch, BNC (2.0 Vp-p, 1kΩ)
Recording Resolution	5MP / 3MP / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω) Resolution: 704 x 576 (PAL); 704 x 480 (NTSC)
HDMI Output	1-ch, resolution: 1920 x 1080P / 60Hz, 1920 x 1080P / 50Hz, 1600 x 1200 / 60Hz, 1280 x 1024 / 60Hz, 1280 x 720 / 60Hz, 1024 x 768 / 60Hz
VGA Output	1-ch, resolution: 1920 x 1080P / 60Hz, 1600 x 1200 / 60Hz, 1280 x 1024 / 60Hz, 1280 x 720 / 60Hz, 1024 x 768 / 60Hz
Audio Output	2-ch, BNC (Linear, 600Ω)
Playback Resolution	5MP / 3MP / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
Synchronous Playback	16-Channels
SATA	4 SATA interfaces
eSATA	1 eSATA interface

NVR Model	VN4016
<b>Features (Continue)</b>	
PoE Interfaces	16 x (10/100 Mbps) PoE Ethernet interfaces
Capacity	Each interface supports up to 6TB capacity for recording
Network Interface	10/100/1000M self-adaptive RJ-45 Ethernet
Incoming Bandwidth	160Mbps
Serial Interface	1 RS-232, 1 RS-485 & 1 RS-485 keyboard
USB Interface	2, USB 2.0 and DVD
Alarm in	16
Alarm Out	4
<b>Environmental</b>	
Working Temperature	-10°C ~ +55°C
Working Humidity	10% ~ 90%
<b>Electrical</b>	
Power Supply	100 ~ 240 VAC, 6.3 A, 50 ~ 60 Hz
Power Consumption	≤ 40W
<b>Physical</b>	
Dimensions (mm)	440 (W) x 390 (D) x 70 (H)
Chassis	19-inch rack-mounted 1.5U chassis
Weight	≤ 4 Kg (8.81 lb) (without HDD or DVD-R/W)
<b>Regulatory Certifications</b>	
FCC, CE, C-TICK, UL	

#### Technical Diagram



Real Panel
1. CVBS Audio Out, VGA Audio Out
2. RS-232 Serial Interface
3. VGA Interface
4. HDMI Interface
5. LAN Network Interface
6. RS-485 Serial Interface, Keyboard Interface, Alarm In, Alarm Out
7. GND
8. 100~240VAC Power Input
9. Power Switch
10. USB Interface
11. Network Interfaces with PoE function