IP Video Surveillance
VN2008–Q2
Network Video Recorder

VIDEOTEKNIKA

4K UHD ULTRA HD 2160p | **12TB** Maximum — HDD Rack | Dual Stream | USB Backup | Instant Playback

Overview

VIDEOTEKNIKA 2000 Series is a reliable range of Network Video Recorders with Full HD 1080p local display capability and recording benchmark of up to 12 Megapixel. The VN2008–Q2 ensures unleveled video recording quality in multiple applications on an open platform in live and also in playback. The VN2008–Q2 has a standard availability of 2 Hard Disks bays allowing recording capacity of up to 8TB. Backup facility is available via the network ports through the VVMS and allows for local backups via USB.

Supported Cameras

The VN2008–Q2 supports all Videoteknika IP Cameras and is fully compatible with our Videoteknika's VVMS Software. The VN2008–Q2 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 8MP of recording resolution.

Storage Features

The VN2008–Q2 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. The VVMS-Xpert™ 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

- Recording Quality up to 8MP
- 2–Way Audio
- Up to 12 Terabytes of Hard Disk space
- Self Adaptive 10m/100m/1000m network interface
- 80M incoming bandwidth
- H.265+/H.265/H.264/H.264+ video compression
- Dual Simultaneous Streaming
- Simultaneous HDMI & VGA outputs
- 1ch HDMI, 1ch VGA, HMDI up to 4K(3840x2160) resolution
- Local Data Export via USB
- Network backup export via Videoteknika VVMS software
- Multiple level users – Administrator / User 1 / User 2 (programmable)
- Privacy Masking
- Videoteknika – VVMS-Advanced™ VMS software included
- Videoteknika – VVMS-Mobile™ supported on App Store

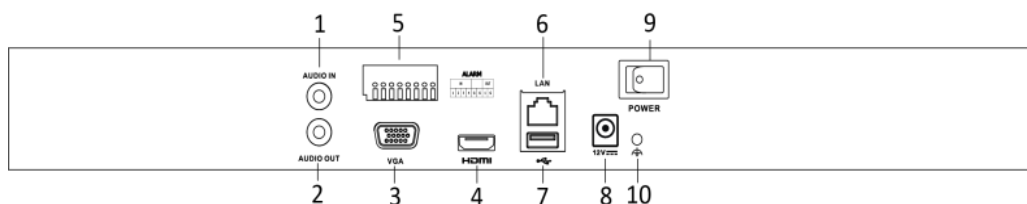# IP Video Surveillance
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Specifications

NVR Model	VN2008-Q2
Features	
IP Video Input	8-Channels
Two-way Audio	1-ch, BNC (2.0 Vp-p, 1kΩ)
Recording Resolution	8MP/6MP /5MP /3MP /1080P / UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF
HDMI Output	1ch, resolution: 4K(3840X2160)/60Hz, 4K(3840X2160)/30Hz,1920 x 1080P /60Hz, 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	1-ch, RCA (Linear, 1kΩ)
Playback Resolution	8MP /6MP /5MP /3MP /1080P / UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF
Synchronous Playback	4-Channels
SATA	2 SATA interfaces
Capacity	Each interface supports up to 12TB capacity for recording
Incoming Bandwidth	80Mbps
Outgoing Bandwidth	80Mbps

NVR Model	VN2008-Q2
Features (Continue)	
Network Interface	1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface
USB Interface	2, USB 2.0
Serial Interface	RS-232
Alarm In/Out	4ch In/ 1ch Out
Environmental	
Working Temperature	-10°C ~ +55°C
Working Humidity	10 % ~ 90 %
Electrical	
Power Supply	DC 12 V
Power Consumption	≤ 15W
Physical	
Dimensions (mm)	385 x 315 x 52mm
Chassis	19-inch rack-mounted 1U chassis
Weight	≤ 1Kg (2.2 lb) (without HDD or DVD-R/W)
Regulatory Certifications	FCC, CE, C-TICK, UL

Technical Diagram

Real Panel	Real Panel (Continue)
1. Audio In	7. USB Interface
2. Audio Out	8. GND
3. VGA Interface	9. AC 100 to 240 V power supply
4. HDMI Interface	10. Power Switch
5. Alarm In/Alarm Out	
6. LAN Network Interface	

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Ordering Information

NVR Model	Network Video Recorder Details
VN2008-Q2	8Ch, D1 to 8MP Recording Quality (Depending on Storage & Bandwith Requirements), Up to Max. 12TB of HDD space, Network Interfaces, H.265, Dual Streaming, Simultaneous HDMI (4k) outputs, Backups

Recommended Associated Products

VVMS-Advanced™	VVMS-Xpert™	VVMS-Mobile™
Video Management Software	Video Management Software	Mobile Application
64 Channel	1024 Channel	
Mobile Application	Mobile Application	

Affiliations:

ONVIF
Open Network
Interface Forum

PSIA
Physical Security
Interportability

Partners:

milestone
Authorized Partner

MIRASYS

Luxriot

axxon
Video Surveillance and Security Solutions

Genetec

SeeTec
Software for Video Security

DigiFort
IP Surveillance System

exacq
Technologies