

# TECHNICAL PRODUCT SHEET

## **TDNVR8P8K-Q**

### Network Video Recorder



### Key Features

- Support Ultra 265/H.265/H.264 video formats
- Support 8 channel input
- Support Plug & Play with 8 independent PoE network interfaces
- Support 1 ch HDMI, 1 ch VGA. HDMI up to 4K (3840x2160) resolution
- Support VGA and HDMI simultaneous output
- Support up to 12 Megapixels resolution recording
- Support ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

# TDNVR8P8K-Q

## Specifications

Model	TDNVR8P8K-Q
<b>Decoding</b>	
Decoding Format	Ultra 265,H.265,H.264
Decoding Capability	Smart Off : 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30 Smart On : 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30
Decoding Capability Description	The resolution of each channel cannot exceed 8192 pixels in length and 4096 pixels in width
Audio Compression	G.711A, G.711U
<b>Network</b>	
Incoming Bandwidth	160 Mbps
Outgoing Bandwidth	128Mbps
Remote Users	128
Protocols	TCP/IP, P2P, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, RTSP, IPv6, IPv4, 802.1x, UPnP
Browser (Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+
<b>Video/Audio Input</b>	
IP Video Input	8-ch
RCA Audio Input	1-ch
<b>Peripheral Input</b>	
Ip Speaker	16-ch
POS	All channels
<b>Video/Audio Output</b>	
HDMI Output	4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
VGA Output	1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
RCA Audio Output	1-ch
Liveview Display	1/4/6/8/9
Corridor Mode Screen	3/4/5/7/9
<b>Two-way Audio</b>	
Two-way Audio	1-ch,RCA(Using the audio input and output)
<b>Snapshot</b>	
FTP/Schedule/Event Snapshot	4-ch snapshot (max. D1 (720 × 576) video resolution, with D1 snapshot resolution)
<b>Recording</b>	
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF
Synchronous Playback in Local	8-ch
<b>Smart</b>	
Smart by IPC	All channels (up to 8 images/s in total) Face Detection, Face Comparison, Vehicle Detection (LPR), SIP, UMD, Traffic Monitoring

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Smart by NVR	Face Detection, Face Comparison, Smart Intrusion Prevention (SIP), Ultra Motion Detection (UMD)
VCA Search	AcuSearch, AcuTrack, Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map
AcuSearch	All channels with SIP/UMD Camera
AcuTrack	All channels with SIP/UMD Camera
by NVR	Up to 8-ch with Face Detection Camera, Up to 1-ch with normal camera (Third-part brand, 1-ch 2MP)
Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
SIP by NVR with normal cameras	Up to 2-ch with normal camera (UNV and Third-part brand, 2-ch 2MP, 1-ch 4MP)
UMD by NVR with normal cameras	Up to 4-ch with normal camera (UNV and Third-part brand, 4-ch 2MP, 2-ch 4MP, 1-ch 4K)
<b>Alarm</b>	
General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal
<b>GUI Language</b>	
GUI Language	38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian
<b>Hard Disk</b>	
SATA	2 SATA Interfaces
Capacity	Up to 24 TB for each HDD (The maximum HDD capacity varies with environment temperature and hard disk size, The environment temperature for use should not exceed 40°C.)
<b>External Interface</b>	
Network Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface
USB	Front panel: 1 × USB2.0, Rear panel: 1 × USB3.0
RS485	1
RS232	N/A
Alarm In	8-ch
Alarm Out	2-ch
Power Supply	AC 100~240V
<b>PoE</b>	
PoE Interface	8 RJ45 10 M/100 M self-adaptive Ethernet Interface
Max Power	Max 30 W for single port, Max 130 W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af
<b>Working Environment</b>	
Working Temperature	-10 ~ +55 ( +14 ~ +131 )

