

# VT-KN416/432-UP

16/32CH Built-in PoE Network Video Recorder



## Key Features

- H.265, 4K Camera Support
- 16/32CH 4K Real Time Recording
- 4K Display Out Support
- Built-in 16CH PoE Switch
- Plug & Play Easy Connection
- 16/32CH Live Display
- 4 SATA Internal HDD, 1 e-SATA
- 2U 19" Rack Mountable

## Technical Specifications

Model	VT-KN416-UP	VT-KN432-UP
<b>VIDEO</b>		
Video Input	16 IP	32 IP
Video Input Resolution	Up to 8MP	Up to 8MP
Compression	H.264, H.265	H.264, H.265
Display Output	1 VGA, 1 HDMI	1 VGA, 1 HDMI
Display Resolution	3840x2160, 1920x1080, 1280x720, 1024x768	3841x2160, 1920x1080, 1280x720, 1024x768
Display Speed	400/480fps	400/480fps
Display Mode	1/4/9/16 Split, Sequence	1/4/9/16/36 Split, Sequence
<b>RECORDING</b>		
Recording Speed	400/480fps@8MP	800/960fps@8MP
Max. Recording Throughput	160Mbps	320Mbps
Recording Mode	Continuous, Motion, Alarm, C+M, C+A, M+A, C+M+A, Panic	Continuous, Motion, Alarm, C+M, C+A, M+A, C+M+A, Panic
Pre Alarm	1~5sec	1~5sec
Post Alarm	5sec~1hour	5sec~1hour
<b>PLAYBACK</b>		
Simultaneous Playback	1/4/9/16 Split	1/4/9/16/32 Split
Playback Mode	Backward, Forward 2~64x	Backward, Forward 2~64x
Search Mode	Time, Event, Thumbnail, Text, Smart(Motion), VCA	Time, Event, Thumbnail, Text, Smart(Motion), VCA
<b>STORAGE</b>		
Internal HDD	4 SATA Interface	4 SATA Interface
External Storage	iSCSI, 1 e-SATA	iSCSI, 1 e-SATA
Backup	USB	USB
Backup File Format	AVI, H4V, MP4	AVI, H4V, MP4
<b>FUNCTION</b>		
Text in	POS/ATM(VSSI-Pro, ASCII, Network)	POS/ATM(VSSI-Pro, ASCII, Network)
User Interface	Mouse, USB/RS485 Keyboard	Mouse, USB/RS485 Keyboard
<b>NETWORK</b>		
Ethernet	WAN	1 RJ45 10/100/1000 Base-T
	PoE	16 RJ45 10/100 Base-T
	PoE Power	130W(IEEE802.3at Compliance)
Max. Output Throughput	Unlimited (Guarantee 576Mbps, Support Bandwidth Control)	Unlimited (Guarantee 576Mbps, Support Bandwidth Control)
Remote Monitoring	CMS, Mobile, Web, Dashboard	CMS, Mobile, Web, Dashboard
<b>EXTERNAL IN/OUT</b>		
Audio In	1 RCA, 16 IP Camera	1 RCA, 16 IP Camera
Audio Out	1 RCA, 1 HDMI	1 RCA, 1 HDMI
Alarm In	16 Input(Terminal Block)	16 Input(Terminal Block)
Alarm Out	1 Output(Terminal Block)	1 Output(Terminal Block)
Serial Port	1 RS485(Terminal Block)	1 RS485(Terminal Block)
USB	2 USB2.0, 1 USB3.0	2 USB2.0, 1 USB3.0
<b>ETC</b>		
Operating Humidity	0~90% RH(Non-Condensing)	0~90% RH(Non-Condensing)
Operating Temperature	0~+45	0~+45
Power Supply	100~240VAC	100~240VAC
Power Consumption	35W(Include 4HDD, Without PoE)	35W(Include 4HDD, Without PoE)
Dimension(WxHxD)	435.7x88.7x356mm	435.7x88.7x356mm
Net Weight	4.5kg(Exclude HDD)	4.5kg(Exclude HDD)

Specifications are subject to change without notice.

## Key Functions

- User Friendly Modern User Interface
- Dual Recording(Main & Sub)
- Intelligent Recording Frame, Resolution & Quality Control
- Data Backup in AVI & MP4
- DDNS, DVRNS, Dashboard
- Advanced Search(Time, Event, Thumbnail, Text, Smart)
- Text(ATM/POS) Overlay

## Software

- SmartManager
- Titanium 2.0
- Titanium Mobile

## Optional Accessory

- HAS-08IE(8 Bay iSCSI Storage)
- HAS-16I(16 Bay iSCSI Storage)
- HAS-04R(e-SATA Storage)

## Dimension

