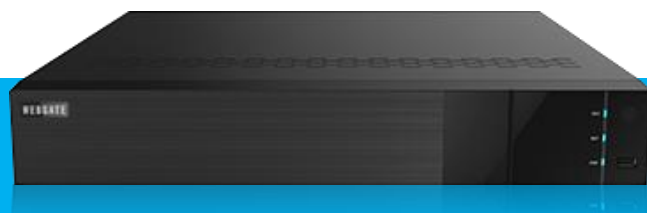




Network Video Recorder

UHN3616P-H4



NVR | 36CH | PoE | 4K UHD

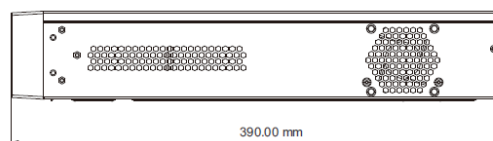
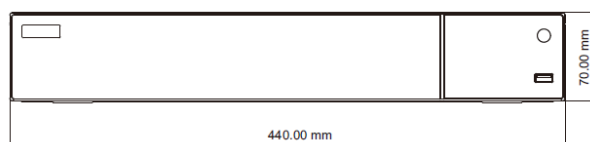
Key Features

- 36ch real-time recording & playback simultaneously
- 16 PoE Ports
- 360Mbps recording bandwidth
- Max. 4K UHD input / output(HDMI)
- Support ONVIF Profile-S
- Support H.264, H.265* Dual Codec
- Support 8TB HDD, 4 internal SATA HDDs
- Max. 128TB(SATA), 256TB(NS04R) recording capacity
- Camera auto detection and simple registration
- Integrated with specialized solutions (Alarm bell, Home Network, etc.)
- Support wire-wireless USB keyboard connection*
- Remote DVR (Remote DVR control), Service Channel features
- Industry-first HTML5 Web viewer

(* Marks- to be supported)

Dimension

(440×390×70mm)



Tech Note

4K UHD More Vivid & Sharper with Ultra High Definition

4K UHD is perfect for large area coverage and identifying objects at great distances. DVR supports 4M QHD (2x greater than Full-HD) and 4K UHD (4x greater than Full-HD) recording.

Onvif Profile-S

Support latest standard protocol version, ONVIF Profile-S, which makes it compatible with 3rd party's IP cameras.

Remote DVR (Remote DVR control)

DVR's main screen is copied to remote PC so that user can perform real-time monitoring and control through OSD menu of DVR remotely.

Free VMS

Provide Central Monitoring Software (Control Center) for free, supporting Max. 1,024 NVRs with various and great functions.



DVR/NVR



CAMERA



ACCESSORY



SOFTWARE

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VIDEO INPUT		
Video input	Channel	36CH IP video input
	Protocol	WESP, Onvif Profile-S
	Format	H264, H265*
	Resolution	1st stream: 720p~4K (H.264/H.265*) 2nd stream: under D1
	Performance	360Mbps
	Stream	RTSP over TCP, RTSP over HTTP
PoE	16 PoE ports	

VIDEO OUTPUT		
Video output	Port	1HDMI, 1VGA
	Format	HDMI : 4K/1080p VGA : 1920×1080, 1280×1024, 1024×768
	Modes	Duplicate : HDMI, VGA main Spot* : HDMI main, VGA spot Main only : HDMI main, VGA off
	Display	Main: 1, 4, 6, 9, 10, 13, 16, 25, 36 split-screen Spot* : 1, 4, 9, 16, 32 split-screen

RECORDING	
Compression	H.264 / H.265*
Resolution	1st stream : more than 720p 2nd stream : under 720p
Rate	Total 1080 fps, Max 30fps/ch @ 4K
Bitrate	1st stream : Max. 8Mbps 2nd stream : Max. 2Mbps
Mode	Continuous / Manual / Emergency
Schedule	24hrs / 7days

PLAYBACK	
Mode	Instant Playback / Search
Speed	1x, 2x, 4x, 8x, 16x, 32x, 64x
Search type	Time/Calender, Event, Thumbnail(Time, Motion), Text
Block playback	24hours ~ 99days

EVENT & ALARM	
Event source	Motion detection, Sensor input, Video Loss, Text input
Event check Schedule	24hrs / 7days
Event action	Buzzer, Relay, E-mail, FTP, Alarm Pop-Up

SYSTEM ALARM	
Sensor input	Sensor input of IP camera (Max.1ea per Channel)
Text input	POS / ATM support
Alarm source	HDD fail, HDD almost full, Password fail, WRS Reg fail, HDD Write Fail, S.M.A.R.T, Power On, Recording Fail
Alarm action	Pop-up Message, Buzzer, Relay, E-mail

AUDIO	
Input/output	1 input(RCA Jack, Line-in, 1Vpp) / 1 output(HDMI & RCA)
Compression	ADPCM (128Kbps, 32KHz, 16bit Sampling)
Direction	Both

PTZ	
Protocols	IP Camera with Onvif protocol

NETWORK	
Interface	1 Gigabit Ethernet RJ-45 port (10/100/1000Mbps)
Protocol	WESP, HTTP, RTSP/RTP, (Onvif), UPnP, RADIUS, TCP/IP, UDP, ARP, ICMP, DHCP, PPPoE, SMTP, SNMP, SNTIP, TLS
DDNS	WNS, DynDNS, NoIP, WRS
Performance	100Mbps
NTP	Mode : Server / Clinet / Both Server : Public / Private
Users	10 Monitoring, 4 Playback, 1 Configuration tool
Service Streaming	Remote Playback, Service Channel, Remote DVR

SECURITY	
User level	1 admin, 10 users
User privilege	Menu, PTZ, Relay, Playback, Power, Copy, Network MIC
IP filtering	10 IP address ranges

STORAGE & BACKUP	
Storage devices	4 SATA HDDs
RAID Level	External storage including NS04R(Level 1/5/10)
File system	WebGate's own filesystem for high-performance DVR Safe data retention in power interrupt
Capacity	Max. 128TB with SATA/eSATA Max. 256TB with NS04R
Backup type	USB 2.0(1 port), USB 3.0(1 port) Max 32GB(FAT32), 1TB(NTFS)
Backup device	3 USB 2.0 drive (2 front, 1 rear)
S.M.A.R.T.	Temperature and Health checking

SERIAL & I/O	
Serial port	Not supported
Sensor input	Not supported
Relay output	Not supported

CONTROLLER	
Device	IR remote controller, Joystick Keyboard, Mouse

SOFTWARE	
HTML5 Webviewer	Monitoring / Event / PTZ / Playback for browser supporting HTML5
Webviewer	Monitoring / Event / PTZ / Playback for IE
Java viewer	Monitoring / Event / PTZ for IE, Chrome, Safari
Mobile viewer	Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android
CMS	Control Center, Max. 1024 Units
SDK	ActiveX(COM) SDK

ENVIRONMENTAL & PHYSICAL	
Dimension	440(W)×390(D)×70(H)mm
Weight	-
Operating Temperature	5°C ~ 45°C (41F ~ 113F)
Operating Humidity	80% below, free of condensation
Power	AC 100~240V, 50/60Hz
Power Consumption	Max. 30W without HDD
Approval	KC, FCC, CE, RoHS