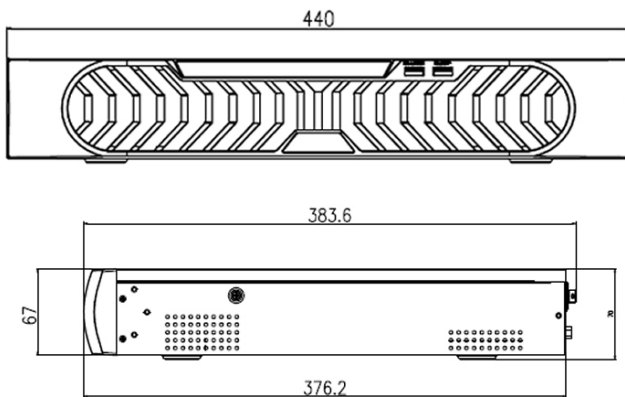




Key Features

16CH, Max
Support 4K Video out on HDMI monitor
Support Dual monitor
Max. 4 internal HDDs(32TB)

Dimensions



Authorized Dealer

GENERAL FEATURES

Operating System	Linux
Inputs	16ch. (Video & Audio)
Compatibility	Brickcom cameras, ONVIF Profile S compliant
Local Display	1xHDMI (4K), 1xVGA (1080P)
Live Performance	[Local monitor] 12M (20fps) 8M (120fps), 4M(240fps), 1080p(480fps)
Multi-Channel Display	1/3/4/5/8/9/10/12/16 & 5+1/12+1
System Control	Mouse, Web GUI, Controller Keyboard

SYSTEM PERFORMANCE

Video Compression	H.265+ / H.264+ / MJPEG
Video Analytics	Illegal Parking, Abnormal Speed, Perimeter, Single/Double Virtual Fences, SingleMulti Loitering Detection, Object Left Detection , Object Removed Detection, Converse Detection
Recording Mode	Event / Schedule/ Always / Manual
Record Resolution	CIF ~ 12MP (Record & Playback)
Recording Bandwidth	384Mbps
Total Bandwidth	512Mbps
NVR Failover	Non Support
Backup Server Support	Non Support
Edge Backup Support	Non Support
Built-in Relay Server	Non Support
UPS Integration	Non Support
Backup Modes	USB / Local / NAS / E-Sata
Search Modes	Smart Search/ Date & Time(Calendar)/Channel/Event/Log List
Playback Modes	Local/Remote/Instant Playback
Event Recording	Alarm Input/Video Lost/Camera Events(Sensor, MD, Video analytics, etc.)
Event Action	E-mail/PTZ Preset/Trig alarm out/Buzzer/Event Log/Event Recording
Simultaneous Playback	Max. 16CH (Local Monitor, Web GUI, CMS)
Fisheye Dewarping	Generic Fisheye Dewarping (Web, CMS)
Sensor I/O Ports	2/2 (NO/NC selectable)
Audio In	1ch. Line/Mic input/16ch. Network
Audio Out	Line out (1.4 Vp-p, 1 Vrms)
Audio Compression	Selectable G.711 ,RAW_PCM
Format	
Audio Communication	Bi-directional (2-way)

STORAGE

Internal HDD Tray	4xHDD (Max 32TB, Non-RAID Mode)
Storage Capacity per HDD	Each Ports 8TB
Internal HDD Capacity	HDD Not Included
Storage Expansion	1 x eSATA Port
Camera Group Recording	Assign video keeping days for each camera by categorizing cameras in groups (storage days)
Capacity Management	Automatic Recycle by Percentage / Keep Video for Certain Days
Raid	JBOD, RAID0, RAID1, RAID10, RAID5 and RAID6 (Optional)
File Format	TS/Exe (GUI), jpeg/AVI

NETWORK

Ethernet	1x RJ-45 (100/1000BASE-T)
Poe Ethernet	16 x RJ-45 (10/100BASE-T), IEEE802.3af/802.3at Poe Ports (optional)
Poe Budget	160Watt (optional)
Supported Protocols	TCP/IP, UDP/IP, HTTP, HTTPS, SSL, TLS, STARTTLS, RTP(UDP), RTP(TCP), RTCP, DHCP, DDNS, uPnP, DNS, NTP, PPoE, SMTP, ONVIF (Profile-S), API
Network Security	IP address filtering, User access Log, 802.1x, Encryption, SSL, TLS, STARTTLS
Maximum User Access	10 users at Unicast Mode / Unlimited users at Multicast Mode

SOFTWARE

Log Record	Max. 30,000 (System log, Report log, Event/Alarm log each)
Free Bundle Software	Free Bundle CMS Software
Web GUI Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
OS Compatibility	Windows 7/8.1/10, Mozilla Firefox, Internet Explorer, MS Edge Safari, Google Chrome, Opera, Apple Safari,
Mobile Compatibility	Android, IOS, Windows Mobile

MECHANICAL

Indicator Leds	Front: Power led, 4x HDD Status leds, 16x Poe leds
Input Connectors	2x USB 2.0, 1x USB 3.0, 1x LAN, 16x PoE, 1x eSATA, 1x VGA, 1 HDMI, 1x Line In, 1x Line Out, 2x Alarm In, 2x Alarm Out, 1x Ground
Material / Color	Aluminum / Metallic Dark Gray
Working Temperature	-10°C ~ 45°C (14°F ~ 113°F) Less than 90% RH
Dimensions (WxH)	440(W) x 376(H) x 67(D) mm
Weight	Approx. 4.5Kg (9lb, HDD not included)

ELECTRICAL

Input Voltage	AC110/220V ±10%
Power Consumption	Max. 15W (without HDD,USB,PoE)

CERTIFICATES & WARRANTY

Certificates	FCC/CE
Waranty	Limited 24 months warranty / Extended waranty up to 60 monts (with VUL-NVR-01 licence pack)