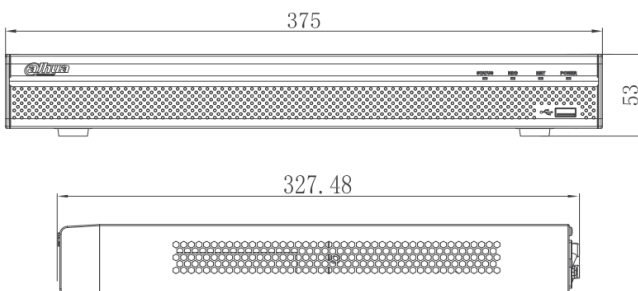


Dimensions



PRO NETWORK VIDEO RECORDER (with 16 PoE)

- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Max 320Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- HDMI/VGA simultaneous video output
- 3D intelligent positioning with PTZ camera

PRO NETWORK VIDEO RECORDER (with 16 PoE)

Technical Specification

System

Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX

Audio and Video

IP Camera Input	16/32 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA

Display

Interface	1 HDMI (up to 3840 × 2160), 1 VGA
Resolution	3840 × 2160 , 1920 × 1080 , 1280 × 1024 , 1280 × 720 , 1024 × 768
Multi-screen Display	16CH: 1/4/8/9/16 32CH: 1/4/8/9/16/25/36
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Recording

Compression	Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1.3MP, 720P, D1 etc.
Record Rate	320Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, MD(Motion Detection) , Alarm, IVS), Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec

Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering
Alarm input	4 Channel, Low Level Effective, Green Terminal Interface
Relay Output	2 Channel, NO/NC Programmable, Green Terminal Interface

Playback and Backup

Sync Playback	1/4/9/16
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network

Third-party Support

Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more
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Network

Interface	1 RJ-45 Ports (10/100/1000Mbps)
Ethernet Port	1 Independent 1000Mbps Ethernet Port
PoE	16 ports (IEEE802.3af/at) Max 25.5W for single port, 130W in total
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search (Support Dahua IP camera, DVR, NVS, etc.)
Optical Fiber Interface	N/A
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant

Storage

Internal HDD	2 SATA III Ports, Up to 8 TB capacity for each HDD
HDD Mode	Single
eSATA	N/A
SAS	N/A

Auxiliary Interface

USB	2 USB Ports (1 Rear USB 3.0 , 1 Front USB 2.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	N/A

Electrical

Power Supply	Single, AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	<15.2W (Without HDD)

Environmental

Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH

Construction

Dimensions	1U, 375mm x 327.5mm x 53mm ; (14.8" x 12.9" x 2.1")
Net Weight	2.7kg (6.0 lb) (without HDD)
Gross Weight	4kg (8.8 lb)

Certifications

CE	EN55022, EN55024, EN50130-4, EN60950-1
FCC	Part 15 Subpart B, ANSI C63.4-2014
UL	UL 60950-1 and CAN/CSA C22.2 No.60950-1