

Overview

- Support H.265/H.264 video formats
- Support cloud Firmware upgrade
- NDAA Compliant
- 16-channel input
- Plug & play with 16 independent PoE network interfaces
- Support 1-ch HDMI and 1-ch VGA independent output
- 2 SATA HDDs, up to 16TB for each HDD
- ANR technology to enhance the storage reliability when the network is disconnected
- Support mainstream camera of ONVIF conformance (Profile G, S, T) and RTSP protocols



Technical Specification

Video/Audio Input	
IP Video Input	16-ch
Supported camera	advidia M-series
Audio Input	1-ch, RCA

Video/Audio Output	
HDMI/VGA Output	HDMI: 4K (3840x2160)/30Hz, 1920X1080/60Hz, 1920X1080/50Hz, 1600X1200/60Hz, 1280X1024/60Hz, 1280X720/60Hz, 1024X768/60Hz VGA: 1920X1080/60Hz, 1920X1080/50Hz, 1600X1200/60Hz, 1280X1024/60Hz, 1280X720/60Hz, 1024X768/60Hz
Recording Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Recording Mode	Normal, Event, Manual
Audio Output	1-ch, RCA
Camera Control	Pan/Tilt, Zoom, Focus, Iris, Preset Position, Preset Patrol, Recorded Patrol, Auto Guard
Synchronous Playback	16-ch
Multiscreen Mode	Normal Mode: 1/4/6/8/9/16 Corridor Mode: 3/4/5/7/9/10/12/16 Web Client: 1/4/6/8/9/10/13/16

Network	
Incoming Bandwidth	320Mbps
Outgoing Bandwidth	160Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, RTSP, IPv6

Decoding	
Decoding format	H.265/H.264
Live view/Playback	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Capability	H.265: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30 H.264: 2 x 16MP(4800*2688)@30, 2 x 12MP@30, 2 x 4K@30, 4 x 5MP@30, 6 x 4MP@30, 8 x 3MP@30, 14 x 1080P@30, 16 x 720P@30
SATA	2 SATA interfaces
Capacity	Up to 16TB for each disk

Snapshot	
FTP/Schedule/Event Snapshot:	4-ch snapshot, up to D1 resolution

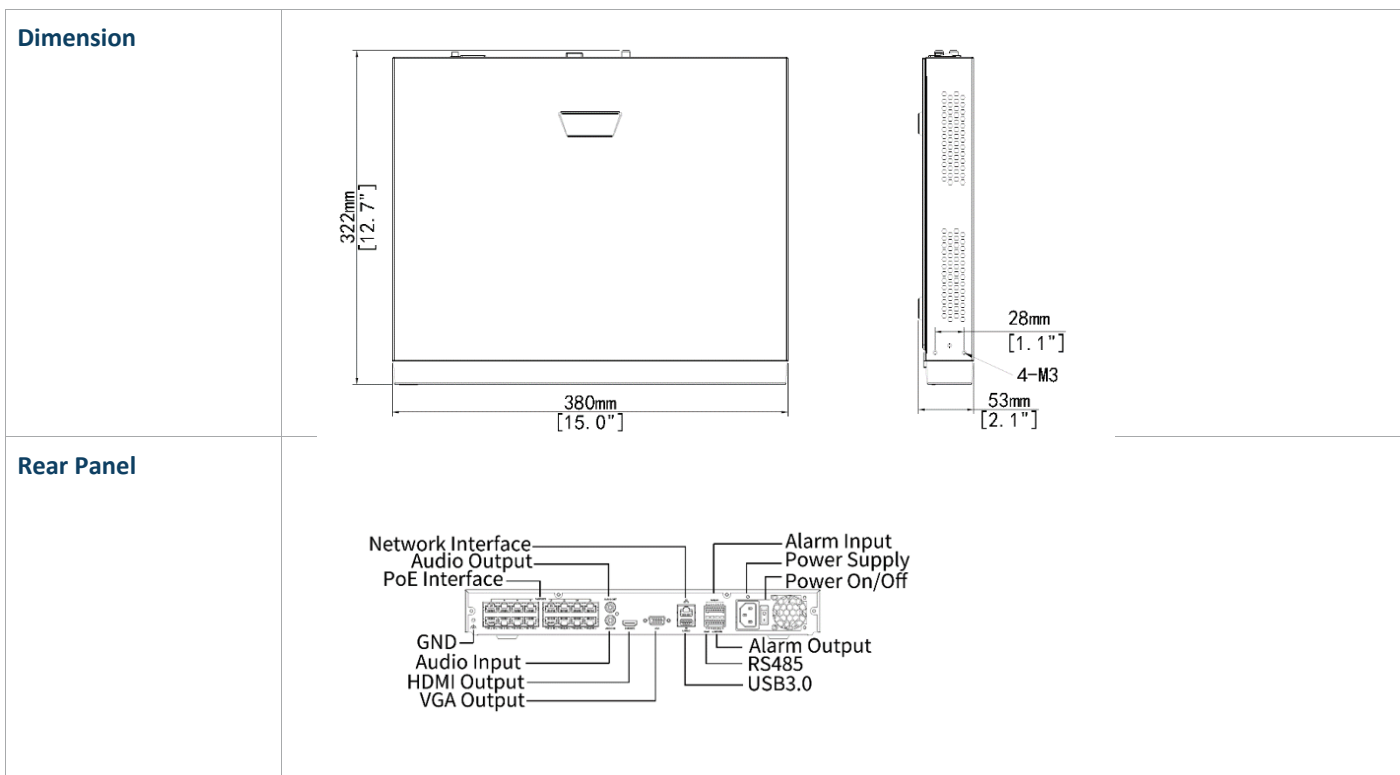
Video Analytics	
VCA Detection by Camera	Motion detection, Tampering detection, Intrusion detection, Cross line detection, Audio detection, Auto tracking
VCA Search	Behaviour Search (Cross line, Intrusion)

External Interface	
Network Interface:	1x 10BASE-T / 100BASE-TX / 1000BASE-T (RJ45)
USB Interface:	Front panel: 1 x USB2.0, Rear panel: 2 x USB3.0
Alarm In:	8-ch
Alarm Out:	2-ch

PoE	
Interface:	1x 10BASE-T / 100BASE-TX / 1000BASE-T (RJ45)
Maximum power:	Max 30W for single port Max 240W in total
Supported Standard:	IEEE 802.3af, IEEE 802.3at

General	
Safety:	CE: EN 62368-1:2014+A11:2017
EMC:	FCC: FCC Part 15 CE-EMC: EN 55032/ EN 55035/ EN IEC 61000-3-2/ EN 61000-3-3
Power Supply:	100~240 VAC Power Consumption: ≤ 10 W (without HDD)

Working Environment:	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H):	380mm × 322mm × 53mm (14.9" × 12.7" × 2.1")
Weight (without HDD):	≤2.6kg (5.73lb)



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