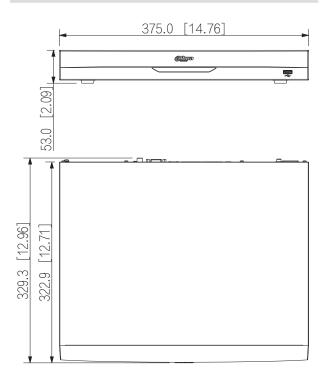
8CH 1U 8PoE 2HDDs Network Video Recorder

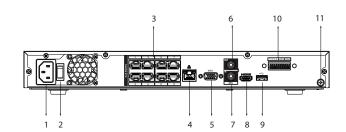


Dimensions (mm[inch])



- · Smart H.265+/H.265/Smart H.264+/H.264/MJPEG decoding format.
- · Access, storage or forwarding at 256 Mbps (180 Mbps when Al function enabled).
- \cdot Max. decoding capability: 16 × 1080p@30 fps. Supports adaptive decoding.
- · Al by NVR: 1-channel face detection and recognition; 2-channel perimeter protection; up to 10 face databases and 20,000 face images; 4-channel SMD Plus.
- \cdot Al by Camera: Face detection and recognition, perimeter protection; SMD Plus; people counting; stereo analysis; heat map.
- · Connected to the third-party network cameras.
- · Security baseline 2.3.

Panels

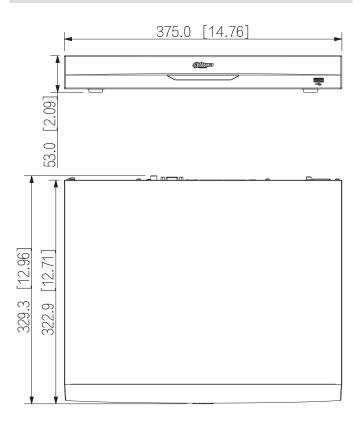


- Power Input
- PoE Ports
- 5 VGA Port
- 7 AUDIO IN, RCA Connector 8
- 9 USB Port
- 11 Ground
- Power Switch
- 4 Network Port
- 6 AUDIO OUT, RCA Connector
- 8 HDMI Port
- 10 Alarm Input/Output

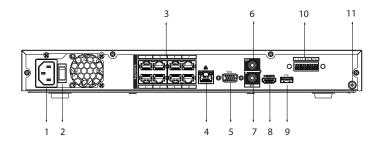
System Decoding Capability Mean Processor Industrial-grade processor Industrial-grade processor Decoding Capability Mean Processor Industrial-grade processor Embedded Linux Decoding Capability Mean Processor Industrial-grade processor Embedded Linux Decoding Capability All Processor Industrial-grade processor Embedded Linux Decoding Capability All Processor Industrial-grade processor Embedded Linux Decoding Capability All Processor Industrial-grade processor Embedded Linux Industrial-grade processor Industrial-grade processor Industrial-grade processor Embedded Linux Industrial-grade processor Industrial-grad	Technical Specification	on		Al disabled: 2-channel 16 MP@30 fps; 2-channel 12
Main Focusion	System		Deceding Canability	
Operating interface Meb Local CUI Intelligent Information (More) 100	Main Processor	Industrial-grade processor	12 MP@30 fps; 3-channel 8 MP@30 fps; 4-char	12 MP@30 fps; 3-channel 8 MP@30 fps; 4-channel
All Search Searc	Operating System	Embedded Linux		
All by Recorder Face detection, face recognition, perimeter protection, and AMD Plus Face detection, face recognition, perimeter protection, and AMD Plus Face detection, face recognition, perimeter protection, and Plus propeler counting, stereo analysis, host map Perimeter Protection Face detection, face recognition, perimeter protection, and Plus propeler counting, stereo analysis, host map Perimeter Profemance of ALD Plus propeler counting, stereo analysis, host map Perimeter Performance of ALD Plus propeler counting, stereo analysis, perimeter protection Face perim	Operating Interface	Web; Local GUI		
All by Camera Al	Al		Vidoo Output	
All y Camber Multi-screen Display 1st Stemmen (ARA) 1st Stem	Al by Recorder	and SMD Plus	video Output	*Simultaneous/heterogeneous video sources output for
Perfineter Performance Al by Recorder (Number of Channels). 10 NS rules for each channel Channels. 2 channels, 10 NS rules for each channel Channels. 34 Parameter, 12 channels, 10 NS rules for each channel Channels. 34 Parameter, 12 channels, 10 NS rules for each channel Channels. 35 Pace Detection Pace Attributes See Gender; age group; glusses; expressions; face mask; beard Search Channels. 36 Parameter, 12 channels (Iup to 12 Face images/s each channel) Performance of Al by Recorder (Number of Channels) Perfo	·	SMD Plus; people counting; stereo analysis; heat map	Multi-screen Display	
Perimeter of Alby Camera (Number of Channels) Albannels Camera (Number				
A by Camera (Number of Channels) Face Detection Face Attributes Gender; age group; glasses; expressions; face mask; heard Face Detection Face	by Recorder (Number of	2 channels, 10 IVS rules for each channel		
Channels Cannels Can		8 channels	Video Compression	Smart H.265+; H.265; Smart H.264+; H.264; MJPEG
Face Detection Performance of Al by Recorder (Number of Channels) Face Detection Performance of Al by Recorder (Number of Channels) Face Detection Performance of Al by Recorder (Number of Channels) B channels Up to 10 face databases with 20,000 images, with a total capacity of 25 G. Name, gender, birthday, address, redential type, credential bye, credential bye, courted in Regions and state can be added to each face image. Face Recognition Face Recognition Face Recognition Up to 10 face databases with 20,000 images, with a total capacity of 25 G. Name, gender, birthday, address, redential type, credential bye, cordential No, countries Regions and state can be added to each face image. Face Recognition Face Recognit	,		Audio Compression	G.711a; G.711u; PCM; G726
Face Detection Performance of Al by Recorder (Number of Channels) Face Detection Performance of Al by Recorder (Number of Channels) Face Detection Performance of Al by Camera (Number of Channels) Up to 10 face databases with 20,000 images, with a total capacity of 2.5 G. Name, gender, birthday, address, crace Recognition Face Recognition Pace Recognition Pace Recognition Because of Al by Camera (Number of Channels) Up to 10 face databases with 20,000 images, with a total capacity of 2.5 G. Name, gender, birthday, address, crace recognition Face Recognition Because of Al by Recorder (Number of Channels) Recorder (Number of Channel EQ (Number of Channel EQ (Number of Channels) Recorder (Number of Channel EQ (Number of Channel EQ (Number of Channels) Record	Face Detection		Network	
Recorder (Number of Channels) Face Detection Performance of Al by Camera (Number of Channels) Face Recognition Face Recogniti	Face Detection		Network Protocol	SMTP; NTP; DHCP; DNS; IP Filter; PPPoE; DDNS; FTP; Alarm Server; IP Search (Support IP camera; DVR; NVS;
Face Detection Performance of Al by Camera (Number of Channels) Face Recognition Face Recognition perimeter protection; SMD Plus by Camera A Channels Face Recognition F	Recorder (Number of	1 channel (up to 12 face images/s each channel)	Mobile Phone Access	
Camera (Number of Channels) Face Recognition Face Database Capacity Face Database Capacity Face Database Capacity Face Recognition F	· · · · · · · · · · · · · · · · · · ·		Interoperability	ONVIF 22.06(Profile T; Profile S; Profile G); CGI; SDK
Face Recognition Face Database Capacity Face Database Capacity Dip to 10 face databases with 20,000 images, with a total capacity of 2.5 G. Name, gender, birthday, address, credential type, credential No, countries & regions and state can be added to each face image. Face Recognition Performance of Al by Secondary 12 face images/s Face Recognition Performance of Al by Secondary Precorder FR (by recorder), video stream: 12 face images/s Face Recognition Performance of Al by Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change SMD Plus by Recorder SMD Plus by Recorder Action and Video Access Channel 8 channels Al disabled: 256 Mbps incoming, 180 Mbps recording and 180 Mbps outgoing Network Bandwidth 16 MP; 12 MP; 8 MP; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 960p; 720p; D1; CIF Multi-channel Playback Multi-channel Playback Multi-channel Playback Multi-channel Playback Multi-channel Playback General, motion detection; intelligent; alarm Backup Method USB device and network	Camera (Number of	8 channels	Browser	Chrome; IE9 and later; Firefox
Face Database Capacity Face Database Capacity Face Database Capacity Face Recognition Performance of Al by Camera (Number of Channels) SMD Plus SMD Plus by Recorder SMD Plus by Camera 4 channels: Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change SMD Plus by Camera 8 channels Audio and Video Access Channel 8 channels Multi-channel Playback Record Mode General, motion detection; intelligent; alarm Backup Method USB device and network Backup Method USB device and network Backup Method USB device and network Playback, general playback, event playback, tag playback, smart playback, general playback, tag playback, smart play	,		Recording Playback	
Face Database Capacity cradential by credential by precorder), video stream: 12 face images/s stream:	race necognition	Lin to 10 face databases with 20 000 images, with a	Multi-channel Playback	Up to 8 channels
Face Recognition Performance of Al by Recorder (Number of Channel FD (by camera) + FR (by recorder), image stream: 12 face images/s 1-channel FD (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) 1-channel FD (by recorder) 1-channel FD (by recorder) FR (by FD	Face Database Capacity	total capacity of 2.5 G. Name, gender, birthday, address, credential type, credential No., countries & regions and	Record Mode	General, motion detection; intelligent; alarm
Performance of Al by Recorder (Number of Channels) stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video in Stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder)	Face Recognition		Backup Method	USB device and network
Face Recognition Performance of Al by Camera (Number of Channels) SMD Plus SMD Plus 4 channels: Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change SMD Plus by Camera 8 channels 8 channels 4 channels: Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change SMD Plus by Camera 8 channels 1 Intelligent Alarm Face detection; face recognition; perimeter protection; SMD Plus people counting; stereo analysis; heat map Access Channel 8 channels Al disabled: 256 Mbps incoming, 256 Mbps recording and 256 Mbps outgoing Al enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps routgoing Al enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps outgoing Al enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps routgoing 180 Mbps recording and 280 Mbps outgoing Al enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps routgoing 180 Mbps recording and 280 Mbps outgoing Al enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps recording and 180 Mbps routgoing 180 M	Performance of AI by Recorder (Number of	stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video	Playback Mode	
Performance of AI by Camera (Number of Channels) 8 channels 9 lisk Group 4 channels General Alarm Motion detection; privacy masking; video loss; scene changing; PIR alarm; IPC external alarm 6 general Alarm Anomaly Alarm Camera disconnection; storage error; disk full; IP conflict; MAC conflict; MAC conflict; MAC conflict; login locked; and cybersecurity exception 8 channels Audio and Video Access Channel 8 channels A disabled: 256 Mbps incoming, 256 Mbps recording and 256 Mbps outgoing Al enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps outgoing Resolution 16 MP; 12 MP; 8 MP; 5 MP; 5 MP; 5 MP; 4 MP; 3 MP; 1080p; 960p; 720p; D1; CIF Post Audio Output Pass Audio Output Pass Audio Output 1-channel RCA			Storage	
Channels) Alarm SMD Plus General Alarm Motion detection; privacy masking; video loss; scene changing; PlR alarm; IPC external alarm SMD Plus by Recorder 4 channels: Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change Anomaly Alarm Camera disconnection; storage error; disk full; IP conflict; MAC conflict; login locked; and cybersecurity exception SMD Plus by Camera 8 channels Intelligent Alarm Face detection; face recognition; perimeter protection; SMD Plus; people counting; stereo analysis; heat map Access Channel 8 channels Alarm Linkage Record; snapshot; IPC external alarm output; audio; buzzer; log; preset; email Network Bandwidth Al disabled: 256 Mbps incoming, 256 Mbps recording and Ale analbed: 180 Mbps outgoing and 256 Mbps recording and 180 Mbps outgoing and 256 Mbps outgoing and 250 Mbps	Performance of AI by	8 channels	Disk Group	Yes
SMD Plus by Recorder 4 channels: Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change 8 channels 8 channels Anomaly Alarm Intelligent Alarm Face detection; face recognition; perimeter protection; SMD Plus; people counting; stereo analysis; heat map Aldio and Video Access Channel 8 channels Al disabled: 256 Mbps incoming, 256 Mbps recording and 256 Mbps outgoing Al enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps outgoing Resolution 16 MP; 12 MP; 8 MP; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 960p; 720p; D1; CIF Anomaly Alarm Linkage Anomaly Alarm Face detection; face recognition; perimeter protection; SMD Plus; people counting; stereo analysis; heat map Face detection; face recognition; perimeter protection; SMD Plus; people counting; stereo analysis; heat map Alarm Linkage Record; snapshot; IPC external alarm output; audio; buzzer; log; preset; email Port Audio Input 1-channel RCA Audio Output 1-channel RCA	•		Alarm	
SMD Plus by Recorder vehicle, reducing false alarms caused by leaves, rain and lighting condition change Anomaly Alarm Anomaly Alarm Camera disconnection; storage error; disk full; IP conflict; MAC conflict; login locked; and cybersecurity exception Face detection; face recognition; perimeter protection; SMD Plus; people counting; stereo analysis; heat map Access Channel 8 channels Al disabled: 256 Mbps incoming, 256 Mbps recording and 256 Mbps outgoing Al enabled: 180 Mbps outgoing Al enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps outgoing Al enabled: 180 Mbps outgoing Al disabled: 256 Mp; 5 Mp; 6 Mp; 5 Mp; 4 Mp; 3 Mp; 1080p; 960p; 720p; D1; CIF Audio Output Camera disconnection; storage error; disk full; IP conflict; MAC conflict; login locked; and cybersecurity exception Face detection; face recognition; perimeter protection; SMD Plus; people counting; stereo analysis; heat map Port Audio Input 1-channel RCA 1-channel RCA	SMD Plus		General Alarm	, , , , , , , , , , , , , , , , , , , ,
Audio and Video Access Channel 8 channels Al disabled: 256 Mbps incoming, 256 Mbps recording and 256 Mbps outgoing Al enabled: 180 Mbps outgoing Resolution Audio Output Face detection; face recognition; perimeter protection; SMD Plus; people counting; stereo analysis; heat map Al disabled: 256 Mbps incoming, 256 Mbps recording and 256 Mbps outgoing Al enabled: 180 Mbps recording and 180 Mbps recording and 180 Mbps outgoing Audio Input 1-channel RCA 1-channel RCA	SMD Plus by Recorder	vehicle, reducing false alarms caused by leaves, rain and	Anomaly Alarm	conflict; MAC conflict; login locked; and cybersecurity
Audio and Video Access Channel 8 channels Alarm Linkage Record; snapshot; IPC external alarm output; audio; buzzer; log; preset; email Network Bandwidth Al disabled: 256 Mbps incoming, 256 Mbps recording and 256 Mbps outgoing Al enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps outgoing Resolution 16 MP; 12 MP; 8 MP; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 960p; 720p; D1; CIF Audio Output 1-channel RCA	SMD Plus by Camera	8 channels	Intelligent Alegan	Face detection; face recognition; perimeter protection;
Access Channel 8 channels Alarm Linkage buzzer; log; preset; email buzzer; log; preset; email buzzer; log; preset; email buzzer; log; preset; email POrt Al disabled: 256 Mbps incoming, 256 Mbps recording and 256 Mbps outgoing Al enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps outgoing Al enabled: 180 Mbps outgoing Al enab	Audio and Video		Intelligent Alarm	
Network Bandwidth and 256 Mbps outgoing Al enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps outgoing Audio Input 1-channel RCA Resolution 16 MP; 12 MP; 8 MP; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 960p; 720p; D1; CIF Audio Output 1-channel RCA	Access Channel	8 channels	Alarm Linkage	
Al enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps outgoing Resolution Al enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps outgoing Audio Input 1-channel RCA 1-channel RCA	Network Bandwidth	and 256 Mbps outgoing Al enabled: 180 Mbps incoming, 180 Mbps recording and	Port	
Resolution 960p; 720p; D1; CIF			Audio Input	1-channel RCA
960p; 720p; D1; CIF	Resolution	16 MP; 12 MP; 8 MP; 6 MP; 5 MP; 4 MP; 3 MP; 1080p;	Audio Output	1-channel RCA
		σου ρ ; 720 p ; D1; CIF	Alarm Input	4 channels
Alarm Output 2 channels			Alarm Output	2 channels

HDD Interface	2 SATA ports, up to 16 TB.The maximum HDD capacity varies with environment temperature.			
USB	2 (1 front USB 2.0 port, 1 rear USB 2.0 port)			
HDMI	1			
VGA	1			
Network Port	1 (10/100/1000 Mbps Ethernet port, RJ-45)			
PoE Port	8 ports, 10/100 Mbps, IEEE 802.3 af/at			
General				
Power Supply	100–240 VAC, 47-63 Hz			
Power Consumption	Total output of NVR is <10 W(without HDD) Total output power of PoE is 130W,the maximum output power of asingle port is 25.5W			
Net Weight	2.51 kg (5.53 lb)			
Gross Weight	3.66 kg (4.52 lb)			
Product Dimensions	375 mm \times 329.3 mm \times 53.0 mm (14.76" \times 12.96" \times 2.09") (W \times L \times H)			
Packaging Dimensions	451.0 mm \times 147.0 mm \times 425.0 mm (17.76" \times 5.79" \times 16.73") (W \times L \times H)			
Operating Temperature	−10 °C to +55 °C (14 °F to +131 °F)			
Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)			
Operating Humidity	10%-93% (RH)			
Installation	Rack or desktop			
Certifications	FCC: 47 CFR FCC Part15, SubpartB, Class A CE-EMC: EN 55032:2015+A1:2020; EN IEC 61000-3- 2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021; EN 55035:2017+A11:2020; EN 50130-4:2011+A1:2014 CE-LVD: EN 62368-1:2014			

Dimensions (mm[inch])



Panels



- 1 Power Input
- 3 PoE Ports
- 5 VGA Port
- 7 AUDIO IN, RCA Connector 8
- 9 USB Port11 Ground
- 2 Power Switch
- 4 Network Port
- 6 AUDIO OUT, RCA Connector
- 8 HDMI Port
- 10 Alarm Input/Output