

# 4K Penta-brid HDCVI DVR

8-Channel 1U Digital Video Recorder with Analytics+





WizSense Series devices combine Dahua's powerful Analytics+ with an intuitive and easy to use interface. WizSense devices offer Smart Motion Detection and Perimeter Protection functions that focus on human and vehicular images and ignore irrelevant images to capture important video while reducing false alarms. WizSense Series devices provide powerful general surveillance for small to medium size businesses at a sensible price.

#### **System Overview**

The X82R Series HDCVI DVR offers 4K recording on each HDCVI channel and a host of advanced features and functions. The X82R takes advantage of HDCVI technology for easy integration into existing video surveillance systems while leveraging existing networks, cabling, and cameras. Penta-brid access technology seamlessly records video from HDCVI, AHD, TVI, CVBS, and IP sources simultaneously, plus the DVR delivers 4K resolution on each HDCVI or IP channel. This recorder is the ideal solution for actively monitoring public venues, retail stores, transportation hubs and access ways, personal property and homes, and educational institutions.

#### **Functions**

#### Perimeter Protection

Dahua Analytics+ includes Tripwire and Intrusion functions that offer custom tripwires based on object type for automation in limited access areas. Perimeter Protection requires less pixels to detect an object to deliver improved accuracy and decreased false alarms due to lights, weather, trees, or animals.

#### **Smart Motion Detection**

The Smart Motion Detection, a component of Dahua's Analytics+ technology, improves alarm accuracy and decreases the number of false alarms. The advanced SMD algorithm analyzes a scene for human or vehicle motion, while filtering out other motion due to trees, leaves, animals, weather, and triggers an alarm when detected.

- 4K at 15 fps Recording Resolution on All HDCVI Channels
- Available with a 2 TB, 4 TB, 6 TB, or 8 TB Pre-installed Hard Drive
- Dual-stream Video Recording
- Al Coding Technology for High-quality Human/Vehicle Video
- Auto-detection and Auto-configuration of Video Inputs
- 8 + 8 IP Camera Channels, each channel up to 8 MP
- Maximum 128 Mbps Incoming Bandwidth
- Perimeter Protection and Smart Motion Detection (SMD)
- Long-distance Video Transmission
- Five-year Warranty\*















#### AI Coding

The AI Coding function puts recording emphasis on human or vehicular objects in the video scene. This technology, based on constant bit rate (CBR), dynamically allocates increased bit rate to the target object while reducing the bit rate allocated to background objects. AI Coding reduces bit rate and storage requirements by up to 50% when compared to the H.265 video compression standard.

#### Smart H.265+

Smart H.265+ is the optimized implementation of the H.265 codec that uses a scene-adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction to deliver high-quality video without straining the network. Smart H.265+ technology reduces bit rate and storage requirements by up to 90% when compared to the H.264 video compression standard.

#### 4K Resolution

The HDCVI DVR records 4K resolution on each HDCVI and IP channel. 4K is a revolutionary breakthrough in image processing technology. 4K delivers four times the resolution of standard HDTV 1080p cameras and offers superior picture quality and image details. 4K resolution improves the clarity of a magnified scene to view or record crisp forensic video from large areas.

#### HDCVI/AHD/TVI/CVBS Auto-detect

The HDCVI DVR automatically recognizes the incoming signals of each attached camera without any setup, making installation easy and operation convenient.

#### Long Distance Transmission

HDCVI technology guarantees real-time transmission over long distances without loss of video quality. HDCVI devices provide the same resolution as most IP network camera systems using existing RG-59, RG-6, or CAT 6 UTP cabling.

## Pro Series | X82R2A Series

Technical Specification	1				
System					
Main Processor	Embedded Processor				
Operating System	Embedded LINUX				
Analytics+ Perimeter P	rotection <sup>1</sup>				
Performance	Human and Vehicle object classification Decreased false alarms from leaves, lights, animals Configure function on two (2) channels, or configure function on one (1) channel to use seven (7) channels for SMD Tripwire/Intrusion rules per channel				
Live View	Configure Rule and Object Inspection area     Display object classification, event types, trigger time, image snapshot, and object types     Export event playback 10 seconds prior to or after event				
Playback	Search by channel, time, event type, and target type     Search event playback 10 seconds prior to or after event     Snapshot capacity: 500,000				
Analytics+ Smart Motio	on Detection¹				
Performance	Detect motion based on object classification (human or vehicle)  Decreased false alarms from leaves, lights, animals  Configure functions on eight (8) channels, or configure functions on seven (7) channels to use one (1) channel of Perimeter Protection				
Preview	Configure and inspect detection area				
Playback	Search by channel, time, event type, and target type     Search event playback 10 seconds prior to or after event				

Analog Camera Input  Eight (8) Channels, BNC  8 MP, 6 MP, 5 MP, 4 MP, 1080p, 720p  TVI  8 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p  TVI  8 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p  TVI  CVBS  NTSC  8+8 Channels, each channel up to 8 MP (The recording rate is dependent on the maximum resolution and frame rate of the connected IP camera.)  Audio  Input: Four (4) Channels, RCA Output: One (1) Channel, RCA  Two-way Talk  Audio Input Channel 1 In/ Audio Output, RCA  Recording  Compression  Al Coding, Smart H.265+, H.265, Smart H.264+, H.264  8 MP, 6 MP, 5 MP, 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF  Record Rate  Main Stream  Al Pat 15 fps or 6 MP/5 MP at 20 fps or 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF at 30 fps  Max. Incoming Bandwidth  128 Mbps  Max. Incoming Bandwidth  128 Mbps  Bit Rate  32 Kbps to 8192 Kbps per Channel  Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  1 to 60 minutes (default: 60 minutes), Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression  Audio Sample Rate  8 KHz, 16 bits per Channel  Audio Bit Rate  64 Kbps per Channel	Interface				
AHD  8 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p  TVI  8 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p  CVBS  NTSC  8+8 Channels, each channel up to 8 MP (The recording rate is dependent on the maximum resolution and frame rate of the connected IP camera.)  Audio  Input: Four (4) Channels, RCA Output: One (1) Channel, RCA  Two-way Talk  Audio Input Channel 1 In/ Audio Output, RCA  Recording  Compression  Al Coding, Smart H.265+, H.265, Smart H.264+, H.264  Recording Resolution  Main Stream  Main Stream  Main Stream  Main Stream  Sub Stream  Main Stream  Sub Stream  Main Stream  Sub Stream  Main Stream  Sub Stream  May, 3 MP, 1080p, 720p, 960H, D1, CIF at 30 fps  Max. Incoming Bandwidth  128 Mbps  Bit Rate  32 Kbps to 8192 Kbps per Channel  Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  1 to 60 minutes (default: 60 minutes), Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression  Audio Sample Rate  8 KHz, 16 bits per Channel	Analog Camera	Input	Eight (8) Channels, BNC		
TVI 8 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p  CVBS NTSC  8+8 Channels, each channel up to 8 MP (The recording rate is dependent on the maximum resolution and frame rate of the connected IP camera.)  Audio Input: Four (4) Channels, RCA Output: One (1) Channel, RCA Two-way Talk Audio Input Channel 1 In/ Audio Output, RCA  Recording  Compression Al Coding, Smart H.265+, H.265, Smart H.264+, H.264  Recording Resolution 8 MP, 5 MP, 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF  Record Rate Sub 960H at 15 fps or 6 MP/5 MP at 20 fps or 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF at 30 fps  Max. Incoming Bandwidth 128 Mbps  Bit Rate 32 Kbps to 8192 Kbps per Channel  Record Mode Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  1 to 60 minutes (default: 60 minutes), Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s Audio Compression G.711a, G.711u, PCM  Audio Sample Rate 8 KHz, 16 bits per Channel	HDCVI		8 MP, 6 MP, 5 MP, 4 MP, 1080p, 720p		
CVBS  NTSC  8+8 Channels, each channel up to 8 MP (The recording rate is dependent on the maximum resolution and frame rate of the connected IP camera.)  Audio  Input: Four (4) Channels, RCA Output: One (1) Channel, RCA  Two-way Talk  Audio Input Channel 1 In/ Audio Output, RCA  Recording  Compression  Al Coding, Smart H.265+, H.265, Smart H.264+, H.264  Recording Resolution  Al Coding, Smart H.265+, H.265, Smart H.264+, H.264  Record Rate  Main Stream  Al Pat 15 fps or 6 MP/5 MP at 20 fps or 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF at 30 fps  Sub Stream  960H at 15 fps; D1, CIF at 30 fps  Max. Incoming Bandwidth  128 Mbps  Max. Incoming Bandwidth  128 Mbps  Bit Rate  32 Kbps to 8192 Kbps per Channel  Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  1 to 60 minutes (default: 60 minutes), Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression  Audio Sample Rate  8 KHz, 16 bits per Channel	AHD		8 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p		
Seed	TVI		8 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p		
IP Camera Input  (The recording rate is dependent on the maximum resolution and frame rate of the connected IP camera.)  Audio  Input: Four (4) Channels, RCA Output: One (1) Channel, RCA  Two-way Talk  Audio Input Channel 1 In/ Audio Output, RCA  Recording  Compression  Al Coding, Smart H.265+, H.265, Smart H.264+, H.264  Recording Resolution  B MP, 6 MP, 5 MP, 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF  Record Rate  Main Stream  Stream  Al Pat 15 fps or 6 MP/5 MP at 20 fps or 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF at 30 fps  D1, CIF at 30 fps  Max. Incoming Bandwidth  128 Mbps  Bit Rate  32 Kbps to 8192 Kbps per Channel  Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  Record Interval  Record Interval  Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression  Audio Sample Rate  8 KHz, 16 bits per Channel	CVBS		NTSC		
Audio Output: One (1) Channel, RCA  Two-way Talk Audio Input Channel 1 In/ Audio Output, RCA  Recording  Compression Al Coding, Smart H.265+, H.265, Smart H.264+, H.264  Recording Resolution 8 MP, 5 MP, 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF  Main Stream Ak-N, 5 MP at 20 fps or 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF at 30 fps  Sub 960H at 15 fps; D1, CIF at 30 fps  Max. Incoming Bandwidth 128 Mbps  Bit Rate 32 Kbps to 8192 Kbps per Channel  Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  Record Interval 1 to 60 minutes (default: 60 minutes), Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression G.711a, G.711u, PCM  Audio Sample Rate 8 KHz, 16 bits per Channel	IP Camera Input		(The recording rate is dependent on the maximum		
Recording  Compression  Al Coding, Smart H.265+, H.265, Smart H.264+, H.264  Recording Resolution  B MP, 6 MP, 5 MP, 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF  B Main Stream  Al Main Stream  B MP at 15 fps or 6 MP/5 MP at 20 fps or 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF at 30 fps  B MP at 15 fps or 6 MP/5 MP at 20 fps or 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF at 30 fps  D1, CIF at 30 fps  Max. Incoming Bandwidth  128 Mbps  Bit Rate  32 Kbps to 8192 Kbps per Channel  Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  Record Interval  Record Interval  Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression  G.711a, G.711u, PCM  Audio Sample Rate  8 KHz, 16 bits per Channel	Audio				
Compression  Al Coding, Smart H.265+, H.265, Smart H.264+, H.264  Recording Resolution  B MP, 6 MP, 5 MP, 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF  Main Stream  B MP at 15 fps or 6 MP/5 MP at 20 fps or 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF at 30 fps  Sub Stream  P60H at 15 fps; D1, CIF at 30 fps  Max. Incoming Bandwidth  128 Mbps  Bit Rate  32 Kbps to 8192 Kbps per Channel  Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  1 to 60 minutes (default: 60 minutes), Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression  G.711a, G.711u, PCM  Audio Sample Rate  8 KHz, 16 bits per Channel	Two-way Talk		Audio Input Channel 1 In/ Audio Output, RCA		
Recording Resolution  8 MP, 6 MP, 5 MP, 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF  Main Stream  8 MP at 15 fps or 6 MP/5 MP at 20 fps or 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF at 30 fps  960H at 15 fps; D1, CIF at 30 fps  Max. Incoming Bandwidth  128 Mbps  Bit Rate  32 Kbps to 8192 Kbps per Channel  Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  Record Interval  Record Interval  Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression  G.711a, G.711u, PCM  Audio Sample Rate  8 KHz, 16 bits per Channel	Recording				
Record Rate  Main Stream  Stream  Main Stream  Stream  Sub 960H at 15 fps; D1, CIF at 30 fps  Max. Incoming Bandwidth  Bit Rate  32 Kbps to 8192 Kbps per Channel  Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  Record Interval  Record Interval  Audio Compression  Audio Sample Rate  Main at 15 fps; D1, CIF at 30 fps  128 Mbps  Max. Incoming Bandwidth  128 Mbps  128 M	Compression		Al Coding, Smart H.265+, H.265, Smart H.264+, H.264		
Record Rate  Stream  6 MP/5 MP at 20 fps or 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF at 30 fps  960H at 15 fps; D1, CIF at 30 fps  Max. Incoming Bandwidth  128 Mbps  Bit Rate  32 Kbps to 8192 Kbps per Channel  Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  1 to 60 minutes (default: 60 minutes), Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression  G.711a, G.711u, PCM  Audio Sample Rate  8 KHz, 16 bits per Channel	Recording Reso	lution			
Stream D1, CIF at 30 fps  Max. Incoming Bandwidth 128 Mbps  Bit Rate 32 Kbps to 8192 Kbps per Channel  Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  1 to 60 minutes (default: 60 minutes), Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression G.711a, G.711u, PCM  Audio Sample Rate 8 KHz, 16 bits per Channel	Record Rate		6 MP/5 MP at 20 fps or		
Bit Rate  32 Kbps to 8192 Kbps per Channel  Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  1 to 60 minutes (default: 60 minutes), Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression  G.711a, G.711u, PCM  Audio Sample Rate  8 KHz, 16 bits per Channel			• •		
Record Mode  Manual, Schedule (Regular, Continuous),  MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  1 to 60 minutes (default: 60 minutes), Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression  G.711a, G.711u, PCM  Audio Sample Rate  Manual, Schedule (Regular, Continuous), MD (Video Detection, Video Loss, Tampering), Alarm, Stop  1 to 60 minutes (default: 60 minutes), Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression  8 KHz, 16 bits per Channel	Max. Incoming	Bandwidth	128 Mbps		
Record Mode  MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop  1 to 60 minutes (default: 60 minutes), Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression  G.711a, G.711u, PCM  Audio Sample Rate  8 KHz, 16 bits per Channel	Bit Rate		32 Kbps to 8192 Kbps per Channel		
Record Interval Pre-record: 1 s to 30 s, Post-record: 10 s to 300 s  Audio Compression G.711a, G.711u, PCM  Audio Sample Rate 8 KHz, 16 bits per Channel	Record Mode		MD (Video Detection: Motion Detection, Video Loss,		
Audio Sample Rate 8 KHz, 16 bits per Channel	Record Interval		Pre-record: 1 s to 30 s,		
	Audio Compres	sion	G.711a, G.711u, PCM		
Audio Bit Rate 64 Kbps per Channel	Audio Sample R	ate	8 KHz, 16 bits per Channel		
	Audio Bit Rate		64 Kbps per Channel		

The Analytics+ functions are disabled when the additional 9 to 16 IP channels are active. If channel 7 or 8 connect to an IP camera, the Analytics+ functions can be used on analog channels 1 to 6.

Auxiliary Interface

One (1) USB 2.0 Port and One (1) USB 3.0 Port

One (1) Port for PTZ Control

USB

RS485

Display				Electrical			
Interface		One (1) HDMI (3840 x 2160) One (1) VGA (1920 x 1080)		Power Supply	12 VDC, 5 A		
Spot Output		HDMI: 1920 x 1080,1280 x 1024, 1280 x 720		Power Consumption	< 15 W, without HDD		
Spot Output		VGA: 1920 x 1080,1280 x 1024, 1280 x 720		Construction			
Native Output	HDMI	3840 x 2160, 2560 x 1440, 1920 x 1080, 1280 x 1024, 1280 x 720		Dimensions			
Resolution	VGA	1920 x 1080, 1280 x 1024, 1280 x 720		HDCVI DVR	1U, 375.0 mm x 287.0 mm x 53.0 mm (14.76 in. x 11.30 in. x 2.09 in.)		
		Eight (8) Channels of 8 MP at 7 fps Eight (8) Channels of 6 MP or 5 MP at 10 fps Eight (8) Channels of 4 MP or 3 MP at 15 fps		with PFH101 Rack Mount Tray	482.6 mm x 287.0 mm x 53.0 mm (19.0 in. x 11.30 in. x 2.09 in.)		
Maximum Playb Decoding	Net Weight 1.60 kg (5.97 lb)	1.80 kg (3.97 lb)					
		Four (4) Channels of 6 MP or 5 MP at 20 fps Four (4) Channels of 4 MP/3MP/1080p/720p at 30 fps		Gross Weight	3.10 kg (6.805 lb)		
		One (1) Channel of 8 MP at 30 fps		Installation	Desktop or Rack-mount		
Multi-screen Dis	splay	IP extension mode disabled: 1/4/8/9 IP extension mode enabled: 1/4/8/9/16		Video Transmission	Distance		
Fisheye Dewarp	Fisheye Dewarp  Supported via Web Interface			RG-59/U Coax	720p: 800 m (2624.67 ft) 1080p: 500 m (1640.42 ft) 4K/4MP: 500 m (1640.42 ft)		
On-screen Display Camera Title, Time, Video Los Motion Detection, Recording		Camera Title, Time, Video Loss, Camera Lock, Motion Detection, Recording		RG-6/U Coax	720p: 1200 m (3937.01 ft) 1080p: 800 m (2624.67 ft) 4K/4MP: 700 m (2296.59 ft)		
Network					720p: 450 m (1476.38 ft)		
Interface	Interface One (1) RJ-45 (1000 Mbps) Port			CAT 6 UTP (balun required)	1080p: 300 m (984.25 ft) 4K/4MP: 300 m (984.25 ft)		
Network Function	on	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPP0E,DDNS, FTP, Alarm Server, P2P, IP Search (Supports Dahua IP cameras, DVRs, NVS)		Environmental			
Maximum User	Access	128 Users		Operating Conditions	$-10^{\circ}$ C to +55° C (+14° F to +131° F), 0% to 90% RH		
Mobile Operatir	ng System	IOS, Android		Storage Conditions	-20° C to +70° C (-4°F to +158° F), 0% to 90% RH		
Interoperability		ONVIF 16.12, CGI Conformant		Third-party Support			
Video Detection and Alarm			Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and others			
Trigger Events		Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips		Cantifications	Sanyo, sony, videotec, vivotek, and others		
Video Detection	ı	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering, and Diagnosis		Certifications	UL 60950		
Alarm Input		Eight (8) Channels		Safety	EN 60950-1 IEC 60950-1		
Relay Output		Three (3) Channels			FCC CFR 47 Part 15 Subpart B		
Playback and Backup		Ele	Electromagnetic	EN 61000-3-2 EN 61000-3-3			
Playback	Playback 1/4/9			Compatibility (EMC)	EN 55032 EN 50130		
Search Mode		Time/Date, Alarm, MD and Exact Search (accurate to 1 second)			EN 55024		
Playback Function	on	Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, and Digital Zoom					
Backup Mode		USB Device/Network					
Storage							
Internal HDD		Two (2) SATA Ports, up to 10 TB capacity for each disk					

### Pro Series | X82R2A Series

Ordering Informa	tion		Dimensions
ype	Part Number	Description	375.0 [14.76]
	X82R2A2	8-Channel Penta-brid 4K 1U, 2 TB Digital Video Recorder	@liva
4K HDCVI DVR with	X82R2A4	8-Channel Penta-brid 4K 1U, 4 TB Digital Video Recorder	[60
Analytics+	X82R2A6	8-Channel Penta-brid 4K 1U, 6 TB Digital Video Recorder	[5.09]
	X82R2A8	8-Channel Penta-brid 4K 1U, 8 TB Digital Video Recorder	23.0
Accessory, optional	PFH101	Rack Mount Tray 482.60 mm x 281.20 mm x 43.7 m (19.0 in. x 11.07 in. x 1.72 in.)	
Rear Panel			
		8 9 10 11 12	287.0 [11.30] 276.0 [10.87]
1 Video Input (x8  2 Audio Input (x4		7 HDMI Output 8 RJ-45 Ethernet Port (1000 Mb	
2 Audio Input (x4 3 VGA Output	NCA)	8 RJ-45 Ethernet Port (1000 Mb 9 RS485 Port	——————————————————————————————————————
4 Power Switch		10 USB Port	
5 Ground		11 Power Input	

