

Network Video Recorder

IV-8EP302E2-CA



DATASHEET



Key Features

- Support Ultra H.265/H.265/H.264 video formats
- 8-channel input
- Plug & Play with 8 independent PoE network interfaces
- Supports mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support 1-ch HDMI, 1-ch VGA. HDMI up to 4K (3840x2160) resolution
- HDMI and VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- 2 SATA HDDs, Up to 10TB for each HDD
- Various fisheye dewarping modes for live view and playback for both web interface and GUI
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade



Specifications

Model	IV-8EP302E2-CA	
Video/Audio Input		
IP Video Input	8-ch	
Two-way Audio Input	1-ch, RCA	
Network		
Incoming Bandwidth	320Mbps	
Outgoing Bandwidth	160Mbps	
Remote Users	128	
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS,DNS,DDNS,SNMP,SMTP,NFS	
Browser	IE(IE10/11) for Windows	
	Firefox (version 52.0 and above) for Windows	
	Chrome(version 45 and above) for Windows	
	Edge(version 79 and above) for Windows	
Video/Audio Output		
HDMI/VGA Output	VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz,1280x1024/60Hz, 1280x720/60Hz,	
	1024x768/60Hz HDMI:	
	4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Audio Output	1-ch, RCA	
Audio Compression	G.711A, G.711U	
Synchronous Playback	8-ch	
Live View Display	1/4/6/8/9	
Corridor Mode Screen	3/4/5/7/9	
Snapshot		
FTP/Schedule/Event	16-ch snapshot, up to 1080P resolution	
Snapshot		
Decoding		
Decoding Format	Ultra 265, H.265, H.264	
Live View/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Capability	1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 8 x 1080P@30	
Hard Disk		
SATA	2 SATA interfaces	
Capacity	up to 10TB for each HDD	
eSATA	NA	
Disk Group	Support	
Smart		
VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking	

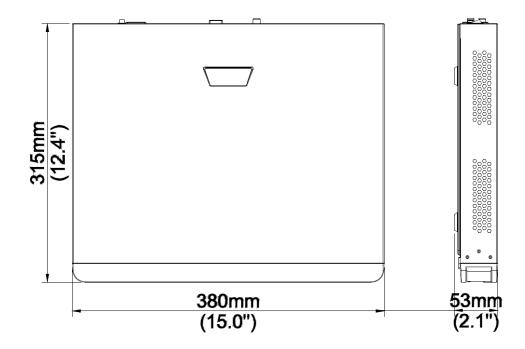


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VCA Search Behavior Search, Vehicle Search People Counting People Flow Counting, Crowd Density Monitoring Smart Intrusion Prevention (SIP), Vehicle Detection by Camera Total 8-ch General Alarn General Alarn General Alarn IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal External Interface 1 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces USB Interface Front panel: 1 x USB2.0, Rear panel: 1 x USB3.0 R5232 NA R5435 1 Alarn N 8-ch Alarn N 8-ch Alarn N 8-ch Alarn Out 2-ch PoE Max 30W for single port Max 130W for single port Max 30W for single port Max 30W for single port Max 30W for single port Max 30W for single port Power Consumption: s 15W (without HDD) Overking Environment -10°C*+ 55°C (±14T*+131°F), Humidity ≤ 90% RH (non-condensing) Dimensions (W+D×H) 380mm × 315mm × 53mm (15.0" × 12.4"× 2.1") Werking Environment -0°C*+ 55°C (±14T*+131°F), Humidity ≤ 90% RH (non-condensing)			
Smart Intrusion Prevention (SP), Vehicle Detection by Camera Total 8-ch General Alarm Motion, Tampering, Human Body Detection, Video Loss, Input Alarm, Audio Detection Alert Alarm IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal External Interface IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal External Interface 1 RM45 10M/100M/1000M self-adaptive Ethernet Interfaces USB Interface Front panel: 1 x USB2.0, Rear panel: 1 x USB3.0 RS232 NA RS485 1 Alarm In 8-ch Alarm Out 2-ch PoE Interface Max 30W for single port Max 30W for single port Max 30W for single port Max 30W in total Max 30W for single port Max 30W in total Supported Standard 100°-240V AC Power Consumption: ≤ 15W (without HDD) Ower Consumption: S (W/N+M) Weight (without HDD) 380mm x 315mm x 53mm (15.0" x 12.4"x 2.1") 380mm x 315mm x 53mm (15.0" x 12.4"x 2.1") Weight (without HDD) 2.6 Kg (5.73lb) 380mm x 315mm x 53mm (15.0" x 12.4"x 2.1") Certification CE, FCC, UL, RMES, WEEE E			
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Power Supply100~240V AC Power Consumption: ≤ 15W (without HDD)Working Environment-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)Dimensions (W×D×H)380mm × 315mm × 53mm (15.0" × 12.4"× 2.1")Weight (without HDD)≤2.6Kg (5.73lb)CertificationCertificationCE, FCC, UL, RoHS, WEEECEEN 55032: 2015, EN 61000-3-3: 2013, EN IEC 61000-3-2: 2019, EN 55035: 2017	Supported Standard	IEEE 802.3af/at	
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CE EN 55032: 2015, EN 61000-3-3: 2013, EN IEC 61000-3-2: 2019, EN 55035: 2017	Certification		
	Certification	CE, FCC, UL, RoHS, WEEE	
FCC Part15 Subpart B, ANSI C63.4	CE	EN 55032: 2015, EN 61000-3-3: 2013, EN IEC 61000-3-2: 2019, EN 55035: 2017	
	FCC	Part15 Subpart B, ANSI C63.4	



Dimensions



Rear Panel

Take IV-16EP302E2-CA for example.

