



	The National Defense Authorization Act
	Network Cameras / Network Video Recorders / Server PC



IDIS NDAA Compliance Products List

Category	Type	Models
Network Camera	Dome	DC-D4216X DC-D4216RX DC-D4216WRX
		DC-D4236X DC-D4236RX DC-D4236WRX DC-D4236HRX
	Bullet	DC-D4831HRX DC-D4811WRX Coming Soon
	Fisheye	DC-Y6C16WRX DC-Y6S16WRX Coming Soon
Network Recorder	NVR	DR-6508P DR-6516P DR-6532P
Enterprise NVR	Server PC	IR-300A IR-1100



IDIS and NDAA Compliance

(The National Defense Authorization Act)

NDAA Summary

The John S. McCain [National Defense Authorization Act \(NDAA\)](#) for Fiscal Year 2019 was signed into law on August 13, 2018 and effective from August 2020. The law, specifically Section 889, prohibits federal agencies, their contractors and grant or loan recipients from procuring or using “telecommunications and video surveillance equipment or services” from specific Chinese companies as a “substantial or essential component of any system, or as critical technology as part of any system.” The NDAA ban includes telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation, as well as video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company.

IDIS Equipment

IDIS provides NDAA compliant products, which includes solutions marketed to the US federal government, Department of Defense (DoD), and associated contractors. The following IDIS cameras and network video recorders (NVRs) do not use or deploy critical components or System-on-a-Chip (SOC) circuits produced by NDAA banned component vendors, making them compliant with the NDAA.

DR-6508P



- Total incoming throughput 270Mbps
- Up to 240ips FHD real-time recording
- Supports H.265 / H.264 codec
- Supports UHD display
- Up to 240ips live display
- Easy to install, set-up, and play with DirectIP cameras
- Built-in 8 channel PoE Switch
- Expandable up to 124TB using eSATA storage
- Supports RAID 1
- Supports one click network configuration through FEN service
- Supports third party cameras (Axis, Panasonic, ONVIF)
- NDA Compliance

SPECIFICATIONS

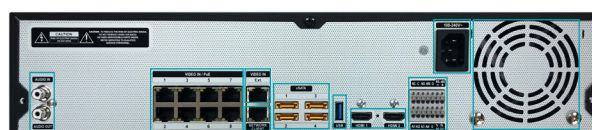
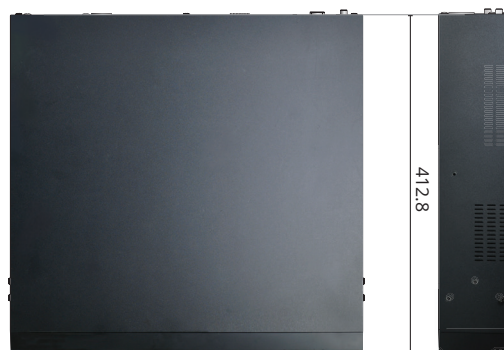
VIDEO	
Video Inputs	8 IP Channels
Max. Incoming Throughput	270Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF
Video Outputs	2 HDMI
Display Resolution	HDMI : 3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 240ips
Digital Zoom	x2 ~ x12
RECORDING	
Max. Throughput	140Mbps, 240ips@FHD
Recording Resolution	Up to 12MP (Depending on IP Camera)
Compression	H.265, H.264
Recording Mode	Time-lapse, Event, Pre-event, Panic
Trigger Events	Alarm In, Audio Detection, Motion Detection, Trip-zone, Tampering, Video Loss, Text-in, Etc.
PLAYBACK	
Performance	8ch synchronous playback
Search Mode	Time-lapse, Event Log, Text-in
Digital Zoom	x2 ~ x12
STORAGE	
HDD	SATA x 6, eSATA x 4, RAID 1 supported
Total Capacity	124TB=10TB x 6(Internal) + 4TB x 4 x 4(External))
NETWORK	
Client Connection	Gigabit Ethernet (Client) x 1
Video In Connection	Gigabit Ethernet (IP Camera) x 8 +Gigabit Ethernet(Ext) x1
Transmission Speed	50Mbps / 100Mbps (BRP Mode)
Camera Power	PoE (IEEE 802.3at Class 4) Supported 16 Ports, 120W
Remote Data Export	IDIS Player, AVI, JPG
Event Notification	Email (Attach Clip (.cbf) .MP4), Callback to Remote S/W, Push Notification (IDIS Mobile)
Two-way Audio	Yes
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite
INTERFACE	
Audio In / Out	Local (NVR) : 1 RCA / 1RCA + 2HDMI IP Camera :8 / 8 (Depending on IP Camera)
Alarm In / Out	Local(NVR) : 4 / 1 IP Camera :8 / 8 (Depending on IP Camera)
Alarm Reset In	1
Serial Interface	RS232 (Terminal Block), RS485 (Terminal Block)
USB	USB 2.0 x 2, USB 3.0 x 1
User Interface	Mouse, IR Remote Control, Network Remote Keyboard
GENERAL	
Operating System	Embedded Linux
Unit Dimensions (W x H x D)	430mm x 88mm x 412.8mm (16.9" x 3.5" x 16.25")
Unit Weight	6.75kg (14.88lb) (with 1 HDD)
Working Temperature	0°C to 40°C (32°F ~ 104°F)
Operating Humidity	0% ~ 90%
Power Input	AC 100-240 V, 50/60Hz, 3.0 - 1.5A
Power Consumption	100-240V~, 50/60Hz, 3.0-1.5A, 250W
Approvals	FCC, UL, CE, CB



DIMENSIONS



(Unit - mm)



- | | |
|------------------------|-------------------------|
| ① Audio In / Audio Out | ⑧ Alarm Connection Port |
| ② Video In / PoE | RS232 / RS485 Port |
| ③ Video In / Ext. Port | ⑨ Power In Port |
| ④ Network Client Port | ⑩ Vent |
| ⑤ eSATA Port | |
| ⑥ USB | |
| ⑦ HDMI 1 / HDMI 2 | |

ACCESSORIES (OPTIONAL)



DH-2212PF



DA-ES1104B

DR-6516P



- Total incoming throughput 320Mbps
- Up to 480ips FHD real-time recording
- Supports H.265 / H.264 codec
- Supports UHD display
- Up to 480ips live display
- Easy to install, set-up, and play with DirectIP cameras
- Built-in 16 channel PoE Switch
- Expandable up to 124TB using eSATA storage
- Supports RAID 1
- Supports one click network configuration through FEN service
- Supports third party cameras (Axis, Panasonic, ONVIF)
- NDA Compliance

SPECIFICATIONS

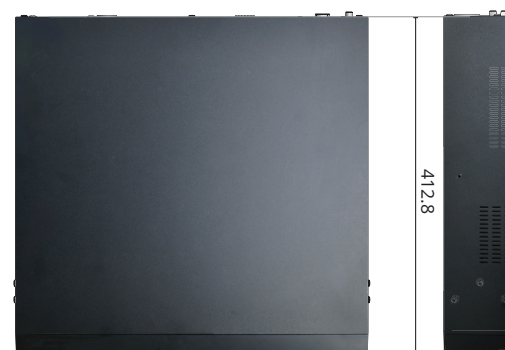
VIDEO	
Video Inputs	16 IP Channels
Max. Incoming Throughput	320Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF
Video Outputs	2 HDMI
Display Resolution	HDMI : 3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 480ips
Digital Zoom	x2 ~ x12
RECORDING	
Max. Throughput	180Mbps, 480ips@FHD
Recording Resolution	Up to 12MP (Depending on IP Camera)
Compression	H.265, H.264
Recording Mode	Time-lapse, Event, Pre-event, Panic
Trigger Events	Alarm In, Audio Detection, Motion Detection, Trip-zone, Tampering, Video Loss, Text-in, Etc.
PLAYBACK	
Performance	16ch synchronous playback
Search Mode	Time-lapse, Event Log, Text-in
Digital Zoom	x2 ~ x12
STORAGE	
HDD	SATA x 6, eSATA x 4, RAID 1 supported
Total Capacity	124TB=10TB x 6 (Internal) + 4TB x 4 x 4 (External))
NETWORK	
Client Connection	Gigabit Ethernet (Client) x 1
Video In Connection	Gigabit Ethernet (IP Camera) x16 +Gigabit Ethernet(Ext) x1
Transmission Speed	50Mbps / 100Mbps (BRP Mode)
Camera Power	PoE (IEEE 802.3at Class 4) Supported 16 Ports, 120W
Remote Data Export	IDIS Player, AVI, JPG
Event Notification	Email (Attach Clip (.cbf) .MP4), Callback to Remote S/W, Push Notification (IDIS Mobile)
Two-way Audio	Yes
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite
INTERFACE	
Audio In / Out	Local (NVR) : 1 RCA / 1RCA + 2HDMI IP Camera : 16 / 16 (Depending on IP Camera)
Alarm In / Out	Local(NVR) : 4 / 1 IP Camera : 16 / 16 (Depending on IP Camera)
Alarm Reset In	1
Serial Interface	RS232 (Terminal Block), RS485 (Terminal Block)
USB	USB 2.0 x 2, USB 3.0 x 1
User Interface	Mouse, IR Remote Control, Network Remote Keyboard
GENERAL	
Operating System	Embedded Linux
Unit Dimensions (W x H x D)	430mm x 88mm x 412.8mm (16.9" x 3.5" x 16.25")
Unit Weight	6.75kg (14.88lb) (with 1 HDD)
Working Temperature	0°C to 40°C (32°F ~ 104°F)
Operating Humidity	0% ~ 90%
Power Input	AC 100-240 V, 50/60Hz, 3.0 - 1.5A
Power Consumption	100-240V~, 50/60Hz, 3.0-1.5A, 250W
Approvals	FCC, UL, CE, CB



DIMENSIONS



(Unit - mm)



- | | |
|------------------------|-------------------------|
| ① Audio In / Audio Out | ⑧ Alarm Connection Port |
| ② Video In / PoE | RS232 / RS485 Port |
| ③ Video In / Ext. Port | ⑨ Power In Port |
| ④ Network Client Port | ⑩ Vent |
| ⑤ eSATA Port | |
| ⑥ USB | |
| ⑦ HDMI 1 / HDMI 2 | |

ACCESSORIES (OPTIONAL)



DH-2212PF



DA-ES1104B

DR-6532P



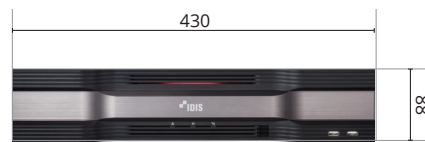
- Total incoming throughput 370Mbps
- Up to 960ips FHD real-time recording
- Supports H.265 / H.264 codec
- Supports UHD display
- Up to 960ips live display
- Easy to install, set-up, and play with DirectIP cameras
- Built-in 16 channel PoE Switch
- Expandable up to 124TB using eSATA storage
- Supports RAID 1
- Supports one click network configuration through FEN service
- Supports third party cameras (Axis, Panasonic, ONVIF)
- NDA Compliance

SPECIFICATIONS

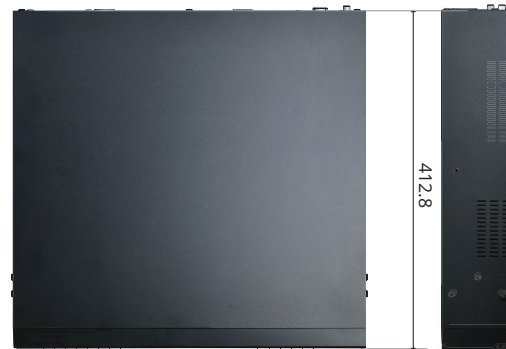
VIDEO	
Video Inputs	32 IP Channels
Max. Incoming Throughput	370Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF
Video Outputs	2 HDMI
Display Resolution	HDMI : 3840x2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 960ips
Digital Zoom	x2 ~ x12
RECORDING	
Max. Throughput	230Mbps, 960ips@FHD
Recording Resolution	Up to 12MP (Depending on IP Camera)
Compression	H.265, H.264
Recording Mode	Time-lapse, Event, Pre-event, Panic
Trigger Events	Alarm In, Audio Detection, Motion Detection, Trip-zone, Tampering, Video Loss, Text-in, Etc.
PLAYBACK	
Performance	32ch synchronous playback
Search Mode	Time-lapse, Event Log, Text-in
Digital Zoom	x2 ~ x12
STORAGE	
HDD	SATA x 6, eSATA x 4, RAID 1 supported
Total Capacity	124TB=10TB x 6(Internal) + 4TB x 4 x 4(External))
NETWORK	
Client Connection	Gigabit Ethernet (Client) x 1
Video In Connection	Gigabit Ethernet (IP Camera) x16 + Gigabit Ethernet(Ext) x1
Transmission Speed	50Mbps / 100Mbps (BRP Mode)
Camera Power	PoE (IEEE 802.3at Class 4) Supported 16 Ports, 120W
Remote Data Export	IDIS Player, AVI, JPG
Event Notification	Email (Attach Clip (.cbf).MP4), Callback to Remote S/W, Push Notification (IDIS Mobile)
Two-way Audio	Yes
Client Viewer	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite
INTERFACE	
Audio In / Out	Local (NVR) : 1 RCA / 1RCA + 2HDMI IP Camera : 32 / 32 (Depending on IP Camera)
Alarm In / Out	Local(NVR) : 4 / 1 IP Camera : 32 / 32 (Depending on IP Camera)
Alarm Reset In	1
Serial Interface	RS232 (Terminal Block), RS485 (Terminal Block)
USB	USB 2.0 x 2, USB 3.0 x 1
User Interface	Mouse, IR Remote Control, Network Remote Keyboard
GENERAL	
Operating System	Embedded Linux
Unit Dimensions (W x H x D)	430mm x 88mm x 412.8mm (16.9" x 3.5" x 16.25")
Unit Weight	6.75kg (14.88lb) (with 1 HDD)
Working Temperature	0°C to 40°C (32°F ~ 104°F)
Operating Humidity	0% ~ 90%
Power Input	AC 100-240 V, 50/60Hz, 3.0 - 1.5A
Power Consumption	100-240V~, 50/60Hz, 3.0-1.5A, 250W
Approvals	FCC, UL, CE, CB



DIMENSIONS



(Unit - mm)



- | | |
|------------------------|-------------------------|
| 1 Audio In / Audio Out | 8 Alarm Connection Port |
| 2 Video In / PoE | RS232 / RS485 Port |
| 3 Video In / Ext. Port | 9 Power In Port |
| 4 Network Client Port | 10 Vent |
| 5 eSATA Port | |
| 6 USB | |
| 7 HDMI 1 / HDMI 2 | |

ACCESSORIES (OPTIONAL)



DH-2212PF



DA-ES1104B

Frustrated with
your surveillance?



**COMPLEXITY ELIMINATED.
REILABILITY GUARANTEED.**

IDIS *Direct IP*[®] : A total surveillance solution from
South Korea's largest manufacturer

Ease-of-use, third party integration and hardened network security combined with rapid plug-and-play installation to deliver a future-proof solution and low total cost of ownership.

Preinstalled VMS with IDIS workstation

IR-300A



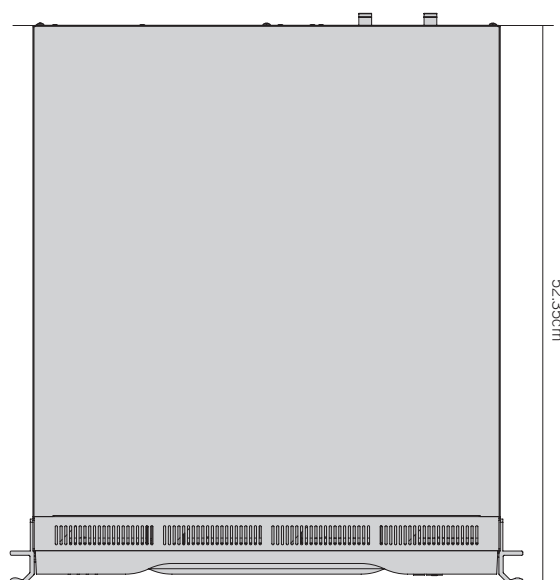
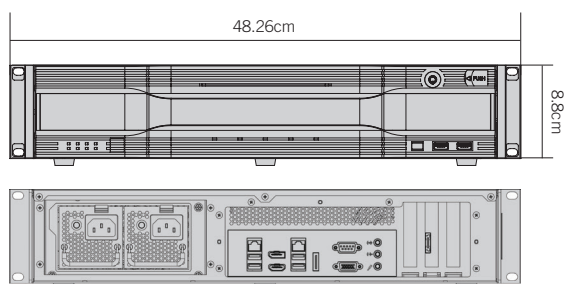
IDIS Security Workstation IR-300A enables to establish satisfying and quick surveillance system with high performance, reliability and manageability. OS(Operating system) stably installed in SSD and IDIS Solution Suite VMS support wonderful operation up to large systems and ensure important data retention through RAID and Redundant Power. IR-300A is the perfect product to build powerful and economical surveillance system.

- Pre-installed with IDIS Solution Suite VMS
- Tested and validated with IDIS Solution Suite up to 64 Full HD H.264/265 IP cameras
- Storage configuration: 8 SATA + 3 eSATA Ports
- Supports up to 64 Full HD cameras in real-time for enterprise-level surveillance systems
- 400Mbps maximum recording bandwidth per server
- Complete compatibility with IDIS components: IP cameras, analog DVR, DirectCX TVR, DirectIP NVR, and encoders
- 2U rack mount chassis
- Supports H.264, H.265 compression, and Intelligent Codec
- Supports Onvif Profile S, Axis, Panasonic, etc.
- NDAA Compliance

SPECIFICATIONS

IR-300A		
SYSTEM	IDIS Solution Suite	Compatible with Expert and Federation Version 2.8.2 or Higher
	Network Connection	2 GbE RJ-45 Ports (1000Base-T)
	Recording Data Rate	Up to 400Mbps
	Number of Cameras	64Ch Recommended
	Hard Disk Drive Configuration	8 SATA + 3 eSATA RAID 1, 5, 10 Supported
	SSD	240G SSD for Operating System (M.2 type)
	Operating System	Microsoft® Windows Embedded Standard 8
	Processor	Intel® I7-7700, 3.6GHz
	Memory	DDR4 PC-17000, 16GB
	Video Outputs	1 HDMI, 1 DP, 1 VGA
	USB	6 (2 Front USB 2.0 + 2 Back USB 3.0 + 2 Back USB 2.0)
	RS-232	1 (DB9)
	Optical Drive	-
MECHANICAL	Form Factor	2U RACK Mount Chassis
	Dimensions (W x D x H)	482.6mm x 88mm x 523.5mm (19" x 3.5" x 20.6")
	Weight	27.8 lbs. (12.6kg)
ELECTRICAL	Power Input	AC 100-240V~, 50/60Hz, 6.0 - 3.0A (Redundant)
	Power Supply	Dual Power (Redundant SMPS)
	Power Consumption	190W
ENVIRONMENTAL	Operating Temperature	0° to 40°C (32° to 104°F)
	Operating Humidity	0% to 90%
ACCESSORIES SUPPLIED	Power Cord	2
GENERAL	Approvals	FCC, CE, CB, UL, PSE

DIMENSIONS



Preinstalled VMS with server

IR-1100



- Pre-installed with IDIS Solution Suite VMS
- Tested and validated with IDIS Solution Suite up to 256 Full HD H.264/H.265 IP cameras
- Supports up to 256 Full HD cameras in real-time for enterprise-level surveillance systems
- 1,024Mbps (128MBps) maximum recording bandwidth per server
- Redundant power for mission-critical reliability
- Complete compatibility with IDIS components: IP cameras, analog DVR, DirectCX TVR, DirectIP NVR, and encoders
- Equipped with RAID 5, RAID 6 recording, Hot swappable
- 2U rack mount chassis with sliding rails and cable management arm for ease of access
- Supports H.264, H.265 compression, and Intelligent Codec
- Supports Onvif Profile S, Axis, Panasonic, etc.
- NDAA Compliance

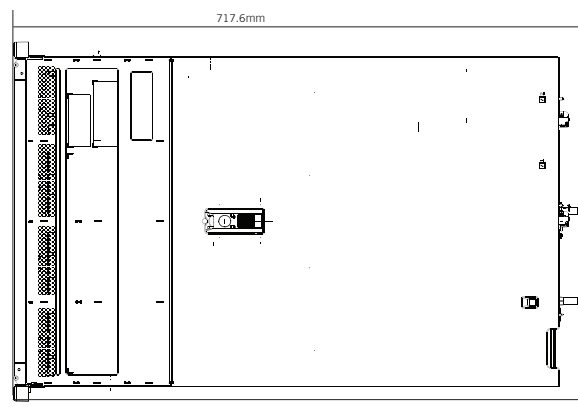
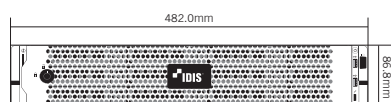
SPECIFICATIONS

IR-1100		
SYSTEM	IDIS Solution Suite	Compatible with Expert and Federation Version 2.6.0 or Higher
	Network Connection	4 GbE RJ-45 Ports (1000Base-T)
	Recording Data Rate	Up to 1024Mbps (128MBps)
	Number of Cameras	Up to 256
	Recording Storage	8 Bay
	Hard Disk Drive Configuration	Up to 8 x Large Form Factor Near-line SATA Hard Disk Drives, Hot-swappable, RAID 5, RAID 6
	Operating System	Microsoft® Embedded Windows Server 2016
	Processor	Intel® Xeon® Processor silver 4210 2.2G, 10C/20T
	Memory	8GB RAM (1 x 8GB DDR4-2666MT/s RDIMM)
	Video Outputs	1 VGA
MECHANICAL	Form Factor	2U Rack Mount Chassis
	Dimensions (W x H x D)	482.0mm x 717.6mm x 86.8mm (18.98" x 27.71" x 3.41")
	Weight	34.5kg (76 lbs)
ELECTRICAL	Power Input	100-240V AC, 50/60Hz
	Power Supply	Redundant, Hot Swappable
	Power Consumption	750W
ENVIRONMENTAL	Operating Temperature	10° to 35°C (50° to 95°F)
	Storage Temperature	-40° to 65°C (-40° to 149°F)
	Operating Humidity	10% to 80% Relative Humidity
	Non-operating Humidity	5% to 95% Relative Humidity, 38.7°C (101.7°F) Maximum Wet Bulb Temperature, Non-condensing
	Operating Vibration	0.26 Grms at 5 Hz to 350 Hz
	Storage Vibration	1.88 Grms at 10 Hz to 500 Hz for 15 min
	Operating Shock	Six consecutively executed shock pulses in the positive and negative x, y, and z axes of 6 G for up to 11ms
	Storage Shock	Six consecutively executed shock pulses in the positive and negative x, y, and z axes (one pulse on each side of the system) of 71 G for up to 2 ms
	Operating Altitude	3048m (10,000ft)
	Storage Altitude	12,000 m (39,370 ft)
ACCESSORIES SUPPLIED	Rack Rail System	Sliding rail system with cable management arm. Supports: • Tool-less mounting in 19"-wide EIA-310-E compliant square hole and unthreaded round-hole 4-post racks • Tooled mounting in threaded hole 4-post racks
	Cable	Yes
	Rack Bezel	1, Front
	Power Cord	1
CERTIFICATIONS	Emissions Classification (EMC)	FCC Rating Class A
		CISPR 22, EN55022, EN55024, FCC CFR 47, Pt 15, ICES-003, CvvNS14336-1, CNS13438, GB4943, GB9254, EN 61000-3-2, EN61000-3-3
	Directives	RoHS, Reach(SVHC), WEEE

ORDERING INFORMATION

Part Number	Description
IR-1100-16TB WS12 DP	IDIS Enterprise NVR, 16TB, RAID5 / Redundant Power Supply with Microsoft Windows Server 2012 and IDIS Solution Suite Expert
IR-1100-32TB WS12 DP	IDIS Enterprise NVR, 32TB, RAID6 / Redundant Power Supply with Microsoft Windows Server 2012 and IDIS Solution Suite Expert
IR-1100-48TB WS12 DP	IDIS Enterprise NVR, 48TB, RAID6 / Redundant Power Supply with Microsoft Windows Server 2012 and IDIS Solution Suite Expert

DIMENSIONS



DC-D4216X 2.8mm



- Easy Installation with DirectIP NVR
- Full HD (1080p) Resolution
- Fixed-focal Lens (f = 2.8mm)
- micro SD / SDHC / SDXC
- Two-way Audio
- Alarm In / Out
- PoE (IEEE 802.3af Class 2)
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDA Compliance



SPECIFICATIONS

VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	f = 2.8mm
Aperture	F2.0 (f = 2.8mm)
Iris Control	Fixed Iris
Angular Field of View	111.6° (H), 61.45° (V), 127.3° (D)
Pan / Tilt Range	Pan: -170° ~ 170°, Tilt: -5° ~ 67.5°, Rotate: -109° ~ 109°
Min. Illumination	COLOR : 0.1 lux @ F2.0 B/W : 0.01 lux
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	-
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR / 3DNR
Backlight Compensation	On / Off
Image Stabilizer	-
De-fog	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-
NETWORK	
Video Compression	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF
Max. Frame Rate	30ips : 1920 x 1080 (WDR)
Supported Resolution	1920 x 1080, 1280 x 720, 640 x 360, 352 x 240
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNMP, SMTP, FEN, mDNS, Upnp
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSSec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm In, Audio detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	1(Built MIC)+1 / 1
Alarm In / Out	1 / 1
ENVIRONMENTAL	
Vandal Proof Casing	-
Outdoor Ready	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	PoE (IEEE 802.3af Class 2)
Power Consumption	PoE, IEEE 802.3af (Class 2), 3.6W
Approvals	FCC
MECHANICAL	
Dimensions	Ø110 x 88mm (Ø4.33" x 3.46")
Weight	0.245kg (0.54lb)



DIMENSIONS

(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



DC-D4216RX 2.8mm



- Easy Installation with DirectIP NVR
- Full HD (1080p) Resolution
- Fixed-focal Lens (f = 2.8mm)
- micro SD / SDHC / SDXC
- Two-way Audio
- Alarm In / Out
- PoE (IEEE 802.3af Class 2)
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 30 m / 98.4 ft)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDA Compliance



SPECIFICATIONS

VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	f = 2.8mm
Aperture	F2.0 (f = 2.8mm)
Iris Control	Fixed Iris
Angular Field of View	111.6° (H), 61.45° (V), 127.3° (D)
Pan / Tilt Range	Pan: -170° ~ 170°, Tilt: -5° ~ 67.5°, Rotate: -109° ~ 109°
Min. Illumination	COLOR : 0.1 lux @ F2.0 B/W : 0 lux (IR LED On)
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	30m / 98.4 ft (4ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR / 3 DNR
Backlight Compensation	On / Off
Image Stabilizer	-
De-fog	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-
NETWORK	
Video Compression	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF
Max. Frame Rate	30ips : 1920 x 1080 (WDR)
Supported Resolution	1920 x 1080, 1280 x 720, 640 x 360, 352 x 240
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNMP, SMTP, FEN, mDNS, Upnp
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio Detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	1(Built MIC)+1 / 1
Alarm In / Out	1 / 1
ENVIRONMENTAL	
Vandal Proof Casing	-
Outdoor Ready	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	PoE (IEEE 802.3af Class 2)
Power Consumption	PoE, IEEE 802.3af (Class 2), 4.6W
Approvals	FCC
MECHANICAL	
Dimensions	Ø110 x 88mm (Ø4.33" x 3.46")
Weight	0.26kg(0.57lb)



DIMENSIONS

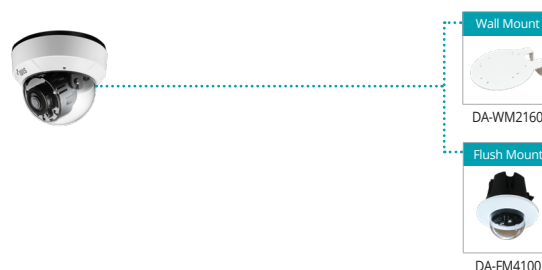
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



DC-D4216WRX 2.8mm



- Easy Installation with DirectIP NVR
- Full HD (1080p) Resolution
- Fixed-focal Lens (f = 2.8mm)
- micro SD / SDHC / SDXC
- Two-way Audio
- Alarm In / Out
- IK10 / IP67 Supports
- PoE (IEEE 802.3af Class 2)
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 30 m / 98.4 ft)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDAA Compliance



SPECIFICATIONS

VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	f = 2.8mm
Aperture	F2.0 (f=2.8mm)
Iris Control	Fixed Iris
Angular Field of View	111.6° (H), 61.45° (V), 127.3° (D)
Pan / Tilt Range	Pan: -170° ~ 170°, Tilt: -5° ~ 67.5°, Rotate: -109° ~ 109°
Min. Illumination	COLOR : 0.1 lux @ F2.0 B/W : 0 lux (IR LED On)
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	30m / 98.4 ft (4ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR / 3DNR
Backlight Compensation	On / Off
Image Stabilizer	-
De-fog	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-
NETWORK	
Video Compression	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF
Max. Frame Rate	30ips : 1920 x 1080 (WDR)
Supported Resolution	1920 x 1080, 1280 x 720, 640 x 360, 352 x 240
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNTp, SMTP, FEN, mDNS, Upnp
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio Detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	1 / 1
Alarm In / Out	1 / 1
ENVIRONMENTAL	
Vandal Proof Casing	IK10
Outdoor Ready	IP67
Operating Temperature	-20°C ~ +55°C (-4°F ~ +131°F) *Starting Up at Above 0°C (32°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	PoE (IEEE 802.3af Class 2)
Power Consumption	PoE, IEEE 802.3af (Class 2), 4.6W
Approvals	FCC
MECHANICAL	
Dimensions	Ø120 x 92.9mm (Ø4.72" x 3.65")
Weight	0.465kg (1.02lb)



DIMENSIONS

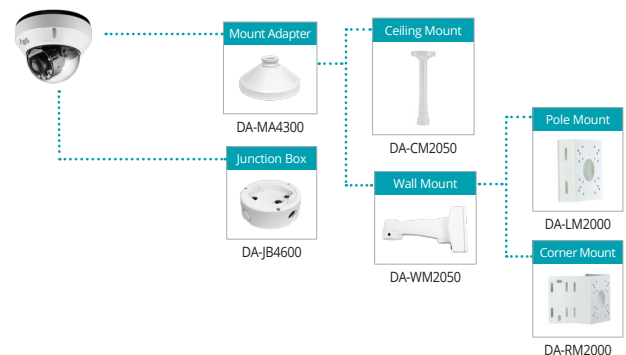
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



Full HD Dome Camera

DC-D4236X



- Easy Installation with DirectIP NVR
- Full HD (1080p) Resolution
- Motorized Vari-focal Lens (f=2.8 - 12mm)
- micro SD / SDHC / SDXC
- Two-way Audio
- Alarm In / Out
- PoE (IEEE 802.3af Class 2), 12V DC
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDA Compliance



SPECIFICATIONS

VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	f = 2.8 - 12mm
Aperture	F 1.4 (W) - F 2.8 (T)
Iris Control	DC IRIS
Angular Field of View	Wide : 98° (H), 51° (V), 116° (D) Tele : 33° (H), 19° (V), 38° (D)
Pan / Tilt Range	Pan: -175° ~ 175°, Tilt: 0° ~ 67°, Rotate: -177° ~ 177°
Min. Illumination	Color : 0.1 Lux @ F1.4 B/W : 0 Lux (IR LED On)
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	-
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR / 3DNR
Backlight Compensation	On / Off
Image Stabilizer	-
De-fog	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	1-CVBS
NETWORK	
Video Compression	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF
Max. Frame Rate	30fps : 1920 x 1080(WDR)
Supported Resolution	1920 x 1080, 1280 x 720, 640 x 360, 352 x 240
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNMP, SMTP, FEN, mDNS, Upnp
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	1 / 1
Alarm In / Out	1 / 1
ENVIRONMENTAL	
Vandal Proof Casing	-
Outdoor Ready	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	PoE (IEEE 802.3af Class 2), DC12V
Power Consumption	12V=, 0.38A, 4.6W PoE, IEEE 802.3af (Class 2), 4.7W
Approvals	FCC
MECHANICAL	
Dimensions	Ø122 x 103.4mm (Ø4.8" x 4.07")
Weight	0.35kg (0.77lb)



DIMENSIONS

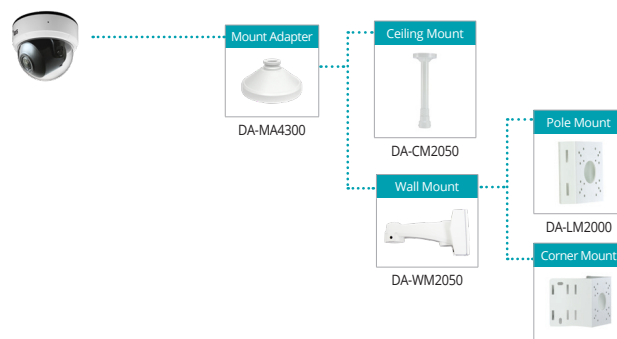
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



DC-D4236RX



- Easy Installation with DirectIP NVR
- Full HD (1080p) Resolution
- Motorized Vari-focal Lens (f=2.8 - 12mm)
- micro SD / SDHC / SDXC
- Two-way Audio
- Alarm In / Out
- PoE (IEEE 802.3af Class 3), 12V DC
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 30 m / 98.4 ft)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDAA Compliance



SPECIFICATIONS

VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	f = 2.8 - 12mm
Aperture	F 1.4 (W) - F 2.8 (T)
Iris Control	DC IRIS
Angular Field of View	Wide : 98° (H), 51° (V), 116° (D) Tele : 33° (H), 19° (V), 38° (D)
Pan / Tilt Range	Pan: -175° ~ 175°, Tilt: 0° ~ 67°, Rotate: -177° ~ 177°
Min. Illumination	Color : 0.1 Lux @ F1.4 B/W : 0 Lux (IR LED On)
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	30m / 98.4ft (6ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR / 3DNR
Backlight Compensation	On / Off
Image Stabilizer	-
De-fog	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	1-CVBS
NETWORK	
Video Compression	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF
Max. Frame Rate	30ips : 1920 x 1080(WDR)
Supported Resolution	1920 x 1080, 1280 x 720, 640 x 360, 352 x 240
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNT, SMTP, FEN, mDNS, Upnp
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	1 / 1
Alarm In / Out	1 / 1
ENVIRONMENTAL	
Vandal Proof Casing	-
Outdoor Ready	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	PoE (IEEE 802.3af Class 3), DC12V
Power Consumption	12V~, 0.64A, 7.7W PoE, IEEE 802.3af (Class 3), 7.6W
Approvals	FCC
MECHANICAL	
Dimensions	Ø122 x 103.4mm (Ø4.8" x 4.07")
Weight	0.37g (0.80lb)



DIMENSIONS

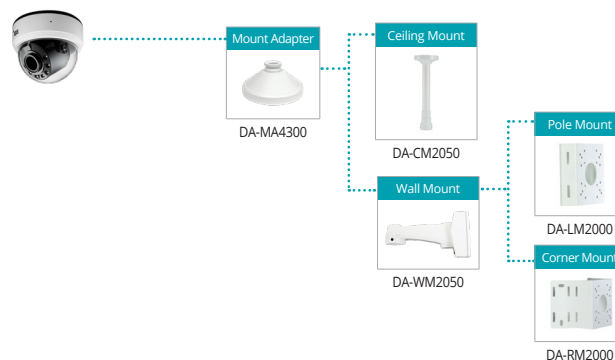
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



Full HD Vandal-Resistant IR Dome Camera

DC-D4236WRX



- Easy Installation with DirectIP NVR
- Full HD (1080p) Resolution
- Motorized Vari-focal Lens (f=2.8 - 12mm)
- micro SD / SDHC / SDXC
- Two-way Audio
- Alarm In / Out
- IK10 / IP67 Supports
- PoE (IEEE 802.3af Class 3), 12V DC
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 30m / 98.4ft)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDA Compliance



SPECIFICATIONS

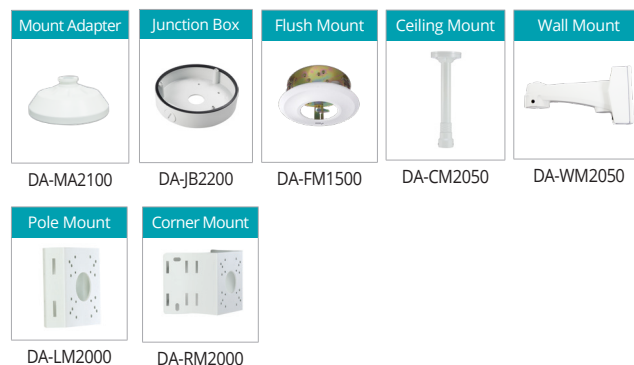
VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	f = 2.8 - 12mm
Aperture	F 1.4 (W) - F 2.8 (T)
Iris Control	DC IRIS
Angular Field of View	Wide : 98° (H), 51° (V), 116° (D) Tele : 33° (H), 19° (V), 38° (D)
Pan / Tilt Range	Pan: -175° ~ 175°, Tilt: 0° ~ 67°, Rotate: -177° ~ 177°
Min. Illumination	Color : 0.1 Lux @ F1.4 B/W : 0 Lux (IR LED On)
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	30m / 98.4ft (6ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR / 3DNR
Backlight Compensation	On / Off
Image Stabilizer	-
De-fog	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-
NETWORK	
Video Compression	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF
Max. Frame Rate	30ips : 1920 x 1080(WDR)
Supported Resolution	1920 x 1080, 1280 x 720, 640 x 360, 352 x 240
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SMTP, FEN, mDNS, Upnp
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	1 / 1
Alarm In / Out	1 / 1
ENVIRONMENTAL	
Vandal Proof Casing	IK10
Outdoor Ready	IP67
Operating Temperature	-20°C ~ +55°C (-4°F ~ +131°F) *Starting Up at Above 0°C (32°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	12V=, 0.64A, 7.7W PoE, IEEE 802.3af (Class 3), 7.8W
Approvals	FCC
MECHANICAL	
Dimensions	Ø155 x 105mm (Ø6.1" x 4.13")
Weight	0.985 kg (2.17lb)

DIMENSIONS

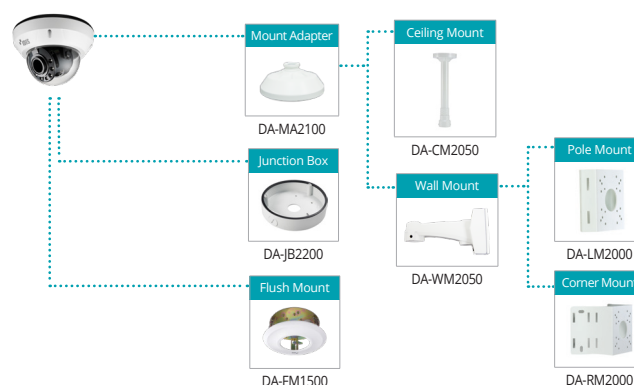
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



DC-D4236HRX



- Easy Installation with DirectIP NVR
- Full HD (1080p) Resolution
- Motorized Vari-focal Lens (f=2.8 - 12mm)
- micro SD / SDHC / SDXC
- Two-way Audio
- Alarm In / Out
- IK10 / IP67 Supports
- Built-in Heater
- PoE (IEEE 802.3af Class 3), 12V DC
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 30m / 98.4ft)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDA Compliance



SPECIFICATIONS

VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	f = 2.8 - 12mm
Aperture	F 1.4 (W) - F 2.8 (T)
Iris Control	DC IRIS
Angular Field of View	Wide : 98° (H), 51° (V), 116° (D) Tele : 33° (H), 19° (V), 38° (D)
Pan / Tilt Range	Pan: -175° ~ 175°, Tilt: 0° ~ 67°, Rotate: -177° ~ 177°
Min. Illumination	Color : 0.1 Lux @ F1.4 B/W : 0 Lux (IR LED On)
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	30m / 98.4ft (6ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR / 3DNR
Backlight Compensation	On / Off
Image Stabilizer	-
De-fog	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-
NETWORK	
Video Compression	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF
Max. Frame Rate	30ips : 1920 x 1080 (WDR)
Supported Resolution	1920 x 1080, 1280 x 720, 640 x 360, 352 x 240
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNTp, SMTP, FEN, mDNS, Upnp
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	1 / 1
Alarm In / Out	1 / 1
ENVIRONMENTAL	
Vandal Proof Casing	IK10
Outdoor Ready	IP67, Heater
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	12V=, 0.95A, 11.4W PoE, IEEE 802.3af (Class 3), 10.3W
Approvals	FCC
MECHANICAL	
Dimensions	Ø155 x 105mm (Ø6.1" x 4.13")
Weight	0.99 kg (2.18lb)

DIMENSIONS

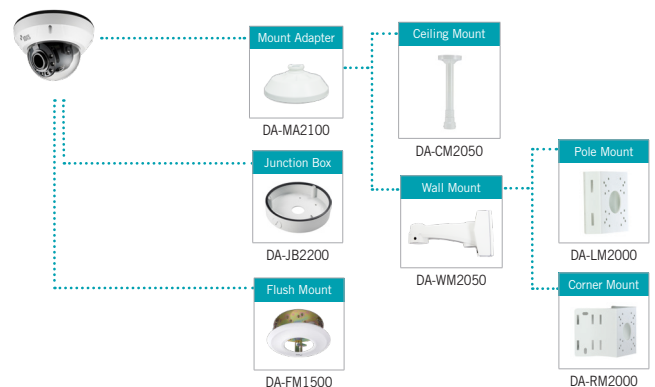
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



8MP Vandal-Resistant IR Dome Camera

DC-D4831HRX



- Easy Installation with DirectIP NVR
- 8MP (3840x2160) Resolution
- Motorized Vari-focal lens (f=2.7 - 13.5mm)
- micro SD / SDHC / SDXC
- Two-way Audio
- Alarm In / Out
- IK10 / IP67
- Built-in heater
- PoE (IEEE 802.3af Class 3), 12V DC
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 40m/131.2ft)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDA Compliance



SPECIFICATIONS

VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	3840 x 2160
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	f=2.7-13.5mm
Aperture	F1.8 - 3.32
Iris Control	DC IRIS
Angular Field of View	Wide : 110.6°(H) 57.3°(V) 134.1°(D) Tele : 32.6°(H) 18.3°(V) 37.4°(D)
Pan / Tilt Range	Pan: -175° ~ 175°, Tilt: 0° ~ 64°, Rotate: -177° ~ 177°
Min. Illumination	Color : 0.2 lux @ F1.8 B/W : 0 lux (IR LED On)
Dynamic Range	120dB(True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1~1/5, 1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	40m/131.2ft (6ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR/3DNR
Backlight Compensation	On / Off
Image Stabilizer	-
De-fog	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-
NETWORK	
	DirectIP Mode
Video Compression	H.265, H.264 (MP) MJPEG
Intelligent Codec	Supported
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S
Max. Frame Rate	30fps : 3840 x 2160 15fps : 3840 x 2160(WDR)
Supported Resolution	3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNTp, SMTP, FEN, mDNS, Upnp
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	1 / 1
Alarm In / Out	1 / 1
ENVIRONMENTAL	
Vandal Proof Casing	IK10
Outdoor Ready	IP67, Heater
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting Up at Above -20°C (-4°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	PoE (IEEE 802.3af Class 3), DC12V
Power Consumption	12V=, 1.2A, 14.4W PoE, IEEE 802.3af(Class 3), 12.4W
Approvals	FCC, CE, KC
MECHANICAL	
Dimensions	Ø155 x 104.4mm
Weight	1.02 kg(2.25lb)



DIMENSIONS

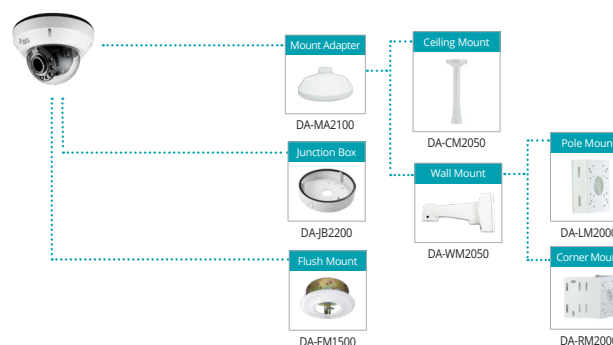
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



DC-D4811WRX



Coming Soon

- Easy Installation with DirectIP NVR
- 8MP (3840x2160) resolution
- Fixed-focal Lens (f=2.8mm)
- micro SD / SDHC / SDXC
- Two-way Audio
- Alarm In / Out
- IK10 / IP67
- PoE (IEEE 802.3af Class 3)
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 30m / 98.4ft)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDA Compliance



SPECIFICATIONS

VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	3840 x 2160
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	f = 2.8mm
Aperture	F2.0 (f=2.8mm)
Iris Control	Fixed Iris
Angular Field of View	104.8° (H) 76.9° (V) 130° (D) (f = 2.8mm)
Pan / Tilt Range	Pan: -170° ~ 170°, Tilt: -5° ~ 67.5°, Rotate: -109° ~ 109°
Min. Illumination	Color : 0.2 lux @ F2.0 B/W : 0 lux (IR LED On)
Dynamic Range	120dB(True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1~1/5, 1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	30m / 98.4 ft(4ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR/3DNR
Backlight Compensation	On / Off
Image Stabilizer	-
De-fog	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-
NETWORK	
DirectIP Mode	
Video Compression	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S
Max. Frame Rate	30ips : 3840 x 2160 15ips : 3840 x 2160(WDR)
Supported Resolution	3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNMP, SMTP, FEN, mDNS, Upnp
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	1 / 1
Alarm In / Out	1 / 1
ENVIRONMENTAL	
Vandal Proof Casing	IK10
Outdoor Ready	IP67
Operating Temperature	-20°C ~ +55°C(-22°F ~ +131°F) (TBD) *Starting Up at Above 0°C (32°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	PoE (IEEE 802.3af Class 3)
Power Consumption	PoE (IEEE 802.3af Class 3)
Approvals	FCC, CE, KC
MECHANICAL	
Dimensions	Ø120 x 92.9mm (Ø4.72" x 3.65")
Weight	0.46kg (1.01lb)

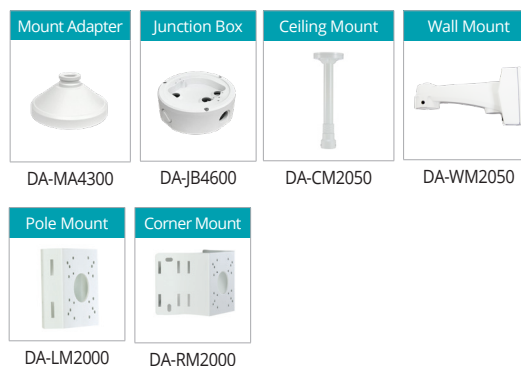


DIMENSIONS

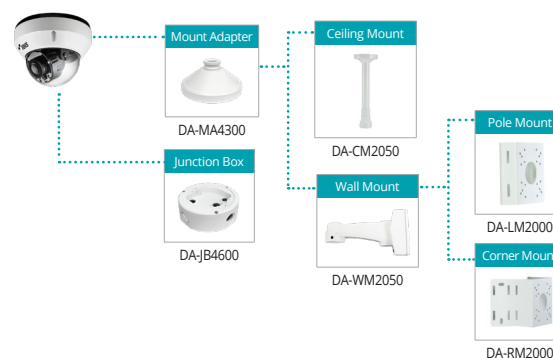
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



DC-E4216WRX 2.8mm



- Easy Installation with DirectIP NVR
- Full HD (1080p) Resolution
- Fixed-focal Lens (f = 2.8mm)
- micro SD / SDHC / SDXC
- Two-way Audio
- Alarm In / Out
- IK10 / IP67 Supports
- PoE (IEEE 802.3af Class 2)
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 30 m / 98.4 ft)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDA Compliance

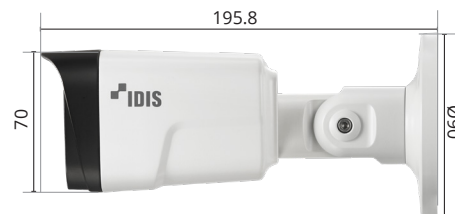


SPECIFICATIONS

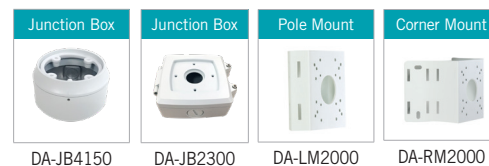
VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	f = 2.8mm
Aperture	F 2.0
Iris Control	Fixed Iris
Angular Field of View	111.6° (H), 61.45° (V), 127.3° (D)
Min. Illumination	COLOR : 0.1 lux @ F2.0 B/W : 0 lux (IR LED On)
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	30m / 98.4ft (4 ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR / 3DNR
Backlight Compensation	On / Off
Mirroring / Pivot	Horizontal / Vertical / Pivot
Image Stabilizer	-
De-fog	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-
NETWORK	
Video Compression	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S
Max. Frame Rate	30ips : 1920 x 1080 (WDR)
Supported Resolution	1920 x 1080, 1280 x 720, 640 x 360, 352 x 240
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNMP, SMTP, FEN, mDNS, Upnp
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer(NLTSrec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio Detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	1 / 1
Alarm In / Out	1 / 1
ENVIRONMENTAL	
Vandal Proof Casing	IK10
Outdoor Ready	IP67
Operating Temperature	-20°C ~ +55°C (-4°F ~ +131°F) *Starting Up at Above 0°C (32°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	PoE (IEEE 802.3af Class 2)
Power Consumption	PoE, IEEE 802.3af (Class 2), 6.1W
Approvals	FCC
MECHANICAL	
Dimensions	75mm x 70mm x 195.8mm (2.95" x 2.75" x 7.70")
Weight	0.655 kg

DIMENSIONS

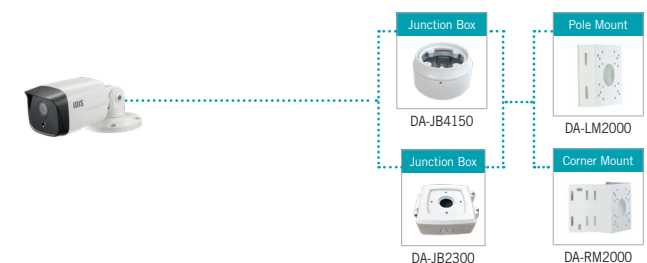
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



DC-T4236WRX



- Easy Installation with DirectIP NVR
- Full HD (1080p) Resolution
- Motorized Vari-focal Lens (f= 2.8 - 12mm)
- micro SD / SDHC / SDXC
- Two-way Audio
- Alarm In / Out
- IK10 / IP67 Supports
- PoE (IEEE 802.3af Class 3), 12V DC
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 30m / 98.4ft)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDA Compliance



SPECIFICATIONS

VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	f = 2.8 -12mm
Aperture	F 1.4 ~ 2.8
Iris Control	DC IRIS
Angular Field of View	Wide : 98° (H) 51° (V) 116° (D) Tele : 33° (H) 19° (V) 38° (D)
Min. Illumination	Color : 0.1 Lux @ F1.4 B/W : 0 Lux (IR LED On)
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	30m / 98.4 ft (6 ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR / 3DNR
Backlight Compensation	On / Off
Mirroring / Pivot	Horizontal / Vertical / Pivot
Image Stabilizer	-
De-fog	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-
NETWORK	
Video Compression	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S
Max. Frame Rate	30fps : 1920 x 1080 (WDR)
Supported Resolution	1920 x 1080, 1280 x 720, 640 x 360, 352 x 240
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNMP, SMTP, FEN, mDNS, Upnp
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio Detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	1 / 1
Alarm In / Out	1 / 1
ENVIRONMENTAL	
Vandal Proof Casing	IK10
Outdoor Ready	IP67
Operating Temperature	-20°C ~ +55°C (-4°F ~ +131°F) *Starting Up at Above 0°C (32°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	12V=, 0.78A, 9.3W PoE, IEEE 802.3af (Class 3), 8.5W
Approvals	FCC
MECHANICAL	
Dimensions	Ø77mm x 244.1mm (3" x 9.61")
Weight	0.84kg (1.85lb)

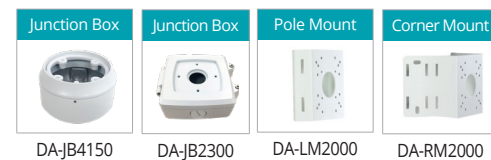


DIMENSIONS

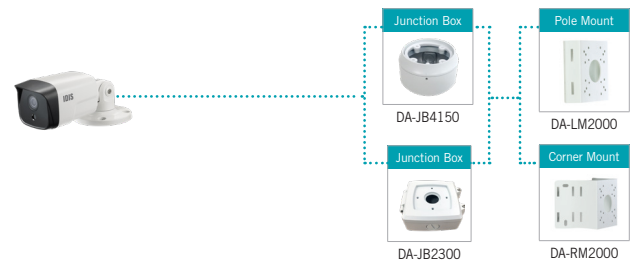
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



DC-T4236HRX



- Easy Installation with DirectIP NVR
- Full HD (1080p) Resolution
- Motorized Vari-focal Lens (f= 2.8 - 12mm)
- micro SD / SDHC / SDXC
- Two-way Audio
- Alarm In / Out
- IK10 / IP67 Supports
- Built-in Heater
- PoE (IEEE 802.3af Class 3), 12V DC
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 30m / 98.4ft)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDA Compliance



SPECIFICATIONS

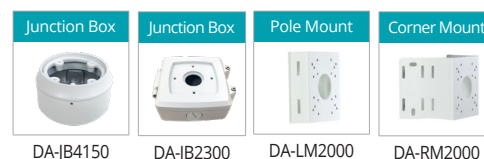
VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	f = 2.8 - 12mm
Aperture	F 1.4 ~ 2.8
Iris Control	DC IRIS
Angular Field of View	Wide : 98° (H) 51° (V) 116° (D) Tele : 33° (H) 19° (V) 38° (D)
Min. Illumination	Color : 0.1 Lux @ F1.4 B/W : 0 Lux (IR LED On)
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	30m / 98.4ft (6ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR / 3DNR
Backlight Compensation	On / Off
Mirroring / Pivot	Horizontal / Vertical / Pivot
Image Stabilizer	-
De-fog	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-
NETWORK	
Video Compression	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S
Max. Frame Rate	30ips : 1920 x 1080 (WDR)
Supported Resolution	1920 x 1080, 1280 x 720, 640 x 360, 352 x 240
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SMTP, FEN, mDNS, Upnp
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio Detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	1 / 1
Alarm In / Out	1 / 1
ENVIRONMENTAL	
Vandal Proof Casing	IK10
Outdoor Ready	IP67, Heater
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	12V~, 0.78A, 9.3W PoE, IEEE 802.3af (Class 3), 8.5W
Approvals	FCC
MECHANICAL	
Dimensions	Ø77mm x 244.1mm (3" x 9.61")
Weight	0.84kg (1.85lb)

DIMENSIONS

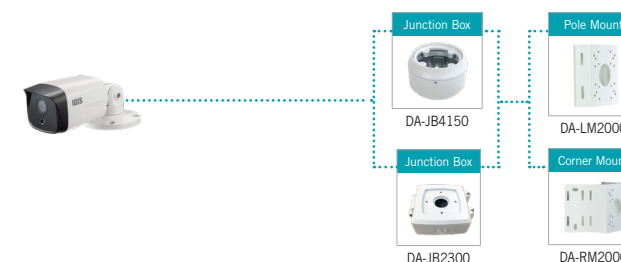
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



8M IR Bullet Camera with Heater

DC-T4831HRX



- Easy Installation with DirectIP NVR
- 8MP (3840x2160) Resolution
- Motorized Vari-focal lens (f=2.7 - 13.5mm)
- micro SD / SDHC / SDXC
- Two-way Audio
- Alarm In / Out
- IK10 / IP67 Supports
- Built-in Heater
- PoE (IEEE 802.3af Class 3), 12V DC
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 40m/131.2ft)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDA Compliance



SPECIFICATIONS

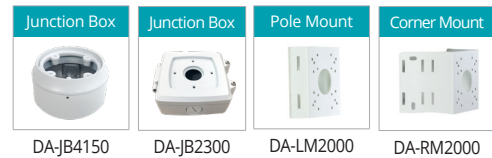
VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	3840 x 2160
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	f=2.7-13.5mm
Aperture	F1.8 - 3.32
Iris Control	DC IRIS
Angular Field of View	Wide : 110.6°(H) 57.3°(V) 134.1°(D) Tele : 32.6°(H) 18.3°(V) 37.4°(D)
Min. Illumination	Color : 0.2 lux @ F1.8 B/W : 0 lux (IR LED On)
Dynamic Range	120dB(True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10000), Anti-Flicker, Slow Shutter (1~1/5, 1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	40m/131.2ft (6ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR/3DNR
Backlight Compensation	On / Off
Mirroring / Pivot	Horizontal / Vertical / Pivot
Image Stabilizer	-
De-fog	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-
NETWORK	
	DirectIP Mode
Video Compression	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S
Max. Frame Rate	30fps : 3840 x 2160 15ips : 3840 x 2160(WDR)
Supported Resolution	3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNTp, SMTP, FEN, mDNS, Upnp
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio Detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	1 / 1
Alarm In / Out	1 / 1
ENVIRONMENTAL	
Vandal Proof Casing	IK10
Outdoor Ready	IP67, Heater
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	PoE (IEEE 802.3af Class 3), DC12V
Power Consumption	12V=, 1.1A, 13.2W PoE, IEEE 802.3af(Class 3), 11.7W
Approvals	FCC, CE, KC
MECHANICAL	
Dimensions	80mm X 75mm X 237mm(3.15" x 2.95" x 9.33")
Weight	1.006kg

DIMENSIONS

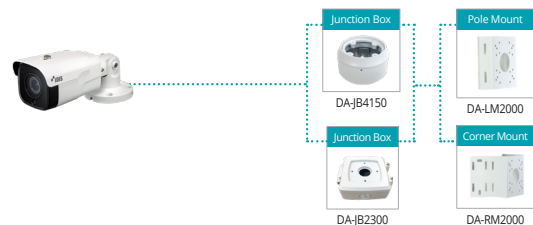
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



8M IR Bullet Camera

DC-T4811WRX 2.8mm



Coming Soon

- Easy Installation with DirectIP NVR
- 8MP (3840x2160) Resolution
- Fixed-focal Lens (f=2.8mm)
- micro SD / SDHC / SDXC
- Two-way Audio
- Alarm In / Out
- IK10 / IP67 Supports
- PoE (IEEE 802.3af Class 3)
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 30m / 98.4ft)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDAA Compliance

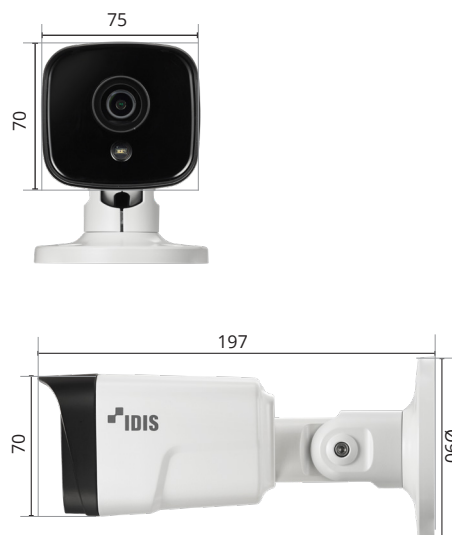


SPECIFICATIONS

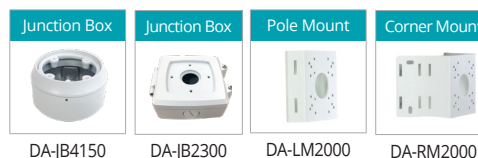
VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	3840 x 2160
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	f=2.8mm
Aperture	F 2.0
Iris Control	Fixed Iris
Angular Field of View	104.8° (H) 76.9°(V) 130°(D)
Min. Illumination	Color: 0.2 lux @ F2.0 B/W : 0 lux (IR LED On)
Dynamic Range	120dB(True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10000), Anti-Flicker, Slow Shutter (1~1/5, 1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	30m / 98.4ft (4 ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR/3DNR
Backlight Compensation	On / Off
Mirroring / Pivot	Horizontal / Vertical / Pivot
Image Stabilizer	-
De-fog	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-
NETWORK	
DirectIP Mode	
Video Compression	H.265, H.264 (MP) M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S
Max. Frame Rate	30fps : 3840 x 2160 15fps : 3840 x 2160(WDR)
Supported Resolution	3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNT, SMTP, FEN, mDNS, Upnp
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio Detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	1 / 1
Alarm In / Out	1 / 1
ENVIRONMENTAL	
Vandal Proof Casing	IK10
Outdoor Ready	IP67
Operating Temperature	-20°C ~ +55°C(-22°F ~ +131°F) (TBD) *Starting Up at Above 0°C (32°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	PoE (IEEE 802.3af Class 3)
Power Consumption	PoE, (IEEE 802.3af Class 3)
Approvals	FCC, CE, KC
MECHANICAL	
Dimensions	75mm x 70mm x 197mm (2.95" x 2.75" x 7.75")
Weight	0.655 kg (1.44lb)

DIMENSIONS

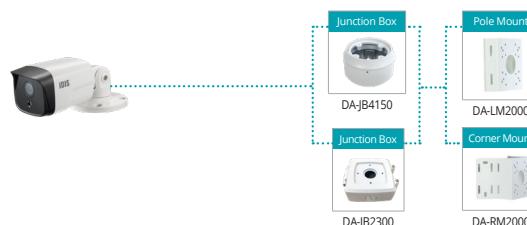
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



DC-Y6C16WRX



- Easy Installation with DirectIP NVR
- 12MP Sensor / 8.7MP (2944 x 2944) Resolution
- Fixed-focal Lens (f=1.6mm)
- micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
- Two-way Audio
- Alarm In / Out
- IK10 / IP67 Supports

- PoE (IEEE 802.3af Class 3), 12V DC
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 15m / 49.2ft)
- Various viewing composition, 6 dewarping view modes
- Supports ONVIF

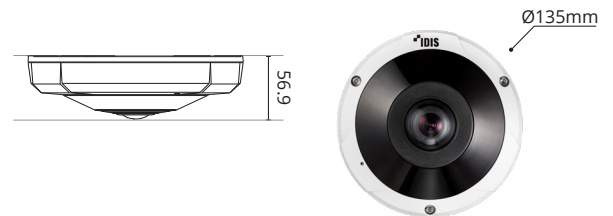


SPECIFICATIONS

VIDEO	
Image Sensor	1/2.3" 12MP CMOS
Max. Resolution	2944x2944
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	1.6mm
Aperture	F2.0
Iris Control	Fixed Iris
Angular Field of View	180°(H), 180°(V), 180°(D)
Pan / Tilt Range	-
Min. Illumination	Color : 0.3 lux @ F1.6 B/W : 0 lux (IR LED On)
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10000), Anti-Flicker, Slow Shutter (1~1/5, 1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	15m(4ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR/3DNR
Backlight Compensation	On / Off
Image Stabilizer	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone, Heatmap
Viewing Composition	1O, 1P, 1P2R, 2P, 4R, 1O7R
Video Out	-
NETWORK	
Video Compression	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.264 - CBR / VBR, H.265 - CBR / VBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S
Max. Frame Rate	30ips : 2944 X 2944 15ips : 2944 x 2944 (WDR)
Supported Resolution	2944 x 2944, 2208 x 2208, 2944 x 1472, 1472 x 1472, 768 x 768, 768 x 384
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNMP, SMTP, FEN, mDNS, uPNP
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm In, Audio Detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (with Image)
Audio In / Out	1 (Built In MIC)+1 / 1
Alarm In / Out	1/1
ENVIRONMENTAL	
Vandal Resistance	IK10
Outdoor Ready	IP67
Operating Temperature	-30°C ~ 55°C (14°F ~ 140°F) *Starting Up at Above 0°C (32°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	12V=, PoE
Power Consumption	12V=, 1.1A, 13.2W PoE, IEEE 802.3af (Class 3), 12W
Approvals	FCC, CE, KC
MECHANICAL	
Dimensions	Ø135 x 56.9mm (Ø5.31" x 2.24")
Weight	0.6kg (1.32 lb)

DIMENSIONS

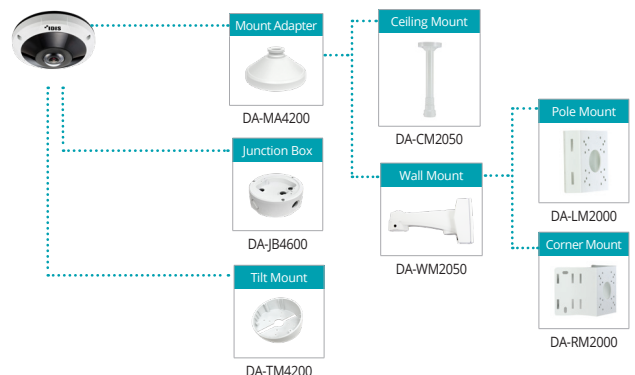
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



5MP IR Fisheye Camera

DC-Y6516WRX



Coming Soon

- Easy Installation with DirectIP NVR
- 5MP (2560 x 2048) Resolution
- Fixed-focal Lens (f=1.5mm)
- micro SD / SDHC / SDXC, Smart Failover (Un to 256GB)
- Two-way Audio
- Alarm In / Out
- IK10 / IP67 Supports
- PoE (IEEE 802.3af Class 3), 12V DC
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 15m / 49.2ft)
- Various viewing composition, 6 dewarping view modes
- Supports ONVIF

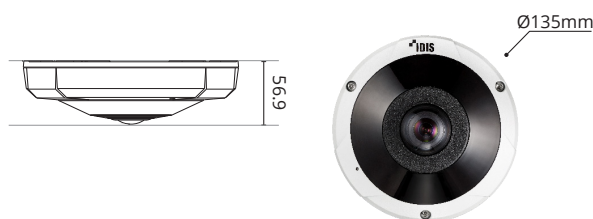


SPECIFICATIONS

VIDEO	
Image Sensor	1/1.8" CMOS
Max. Resolution	2560 x 2048
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	1.5mm
Aperture	F1.8
Iris Control	Fixed Iris
Angular Field of View	180°(H), 180°(V), 180°(D)
Pan / Tilt Range	-
Min. Illumination	Color : 0.3 lux @ F1.5 B/W : 0 lux (IR LED On)
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10000), Anti-Flicker, Slow Shutter (1~1/5, 1/7.5, 1/15)
Day and Night	IR Cut Filter with Auto Switch
IR Distance (LEDs)	15m (4ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR/3DNR
Backlight Compensation	On / Off
Image Stabilizer	-
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone, Heatmap
Viewing Composition	10, 1P, 1P2R, 2P, 4R, 107R
Video Out	-
NETWORK	
Video Compression	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.264 - CBR / VBR, H.265 - CBR / VBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S
Max. Frame Rate	30fps : 2560 x 2048 (WDR)
Supported Resolution	2560 x 2048, 1920 x 1536, 2560 x 1024, 1280 x 1024, 640 x 512, 640 x 256
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SMTP, FEN, mDNS, uPNP
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSec)	Yes (Up to 60MB)
Edge Storage	micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm In, Audio Detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (with Image)
Audio In / Out	1 (Built In MIC)+1 / 1
Alarm In / Out	1/1
ENVIRONMENTAL	
Vandal Resistance	IK10
Outdoor Ready	IP67
Operating Temperature	-30°C ~ +55°C (-22°F ~ +131°F) *Starting Up at Above 0°C (32°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	12V~, 1A, 12W PoE (IEEE 802.3af Class 3), 10.7W
Approvals	FCC, CE, KC
MECHANICAL	
Dimensions	Ø135 x 56.9mm (Ø5.31" x 2.24")
Weight	0.6kg (1.32 lb)

DIMENSIONS

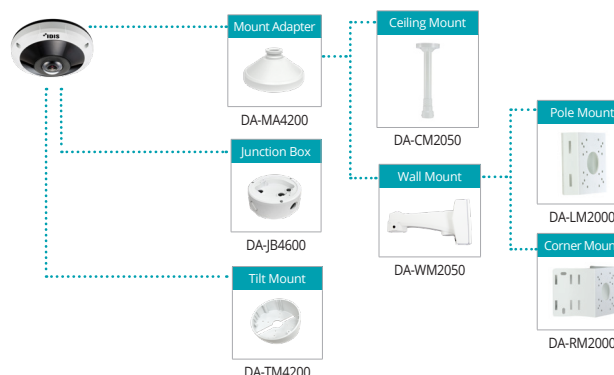
(Unit - mm)



ACCESSORIES (OPTIONAL)

Mount Adapter	Tilt Mount	Junction Box	Ceiling Mount	Wall Mount
DA-MA4200	DA-TM4200	DA-JB4600	DA-CM2050	DA-WM2050
Pole Mount	Corner Mount			
DA-LM2000	DA-RM2000			

ACCESSORIES CONFIGURATION TREE





	
The National Defense Authorization Act	
Network Cameras / Network Video Recorders / Server PC	

IDIS NDAA Compliance Products



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