

DC-D6831WRA

H.265 8MP AI IR Dome Camera (IDIS Edge AI Plus)



- IDIS Edge AI Plus Camera
 - Remote Motorized Focus and Zoom
 - IDIS Deep-Learning Analytics (IDLA), IDIS Deep-Learning Analytics Pro (IDLA Pro)
 - IP67
 - True WDR
- Easy installation with DirectIP NVR
 - 12V DC, PoE (IEEE 802.3af Class 3)
 - Attribute Support(Human, Vehicle, Face), A-cut Support
 - Smart Failover (Up to 512GB)
 - Alarm in / out
- H.265 and Intelligent Codec
 - IR LED (60m / 196.9ft (6ea))
 - IK10
 - Supports ONVIF

SPECIFICATIONS

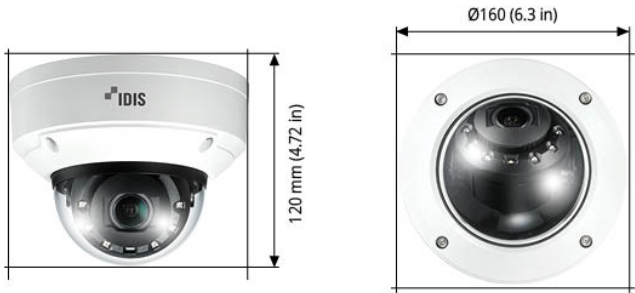
Video	
Image Sensor	1/1.8" CMOS
Max. Resolution	3840 x 2160
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	4.3 ~ 9.8mm
Aperture	F1.6 ~ F2.6
Iris Control	P-Iris
Angular Field of View	Wide : 110.4o(H) 57.8o(V) 133.8o(D) Tele : 45.0o(H) 25.2o(V) 51.8(D)
Min. Illumination	COLOR : 0.13 lux @ F1.6 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	Yes (ICR)
IR Distance (LEDs)	60m / 196.9ft (6ea)
Image Setting	Exposure, White Balance, Self-Adjusting Video Mode(Sharpness, Contrast, Colors, Brightness Control)
Backlight Compensation	BLC
Mirroring / Pivot	Horizontal / Vertical / Pivot
Image Stabilizer	Yes (EIS)
De-fog	Yes
Privacy Masking	8 Zones
Intelligent Video	A-cut Support Object Metadata: Human, Vehicle, Face Object Attribute: Human[Gender, Age, Bag, Hat, Colors], Vehicle[Car, Truck, Bus, Bike(Bicycle, Motorcycle), ETC, Colors], Face[Gender, Age, Glasses, Hat, Mask] IDLA: Object Detection, Intrusion, Loitering, Line Crossing, Face Detection IDLA Pro: Crowd Detection, Abandoned Object Detection, Removed Object Detection, Fall Detection ETC: Video Motion Detection, Active Tampering Alarm
Video Out	1 CVBS
Pan/Tilt/Rotate	
Pan Range	-180° ~ 180°
Tilt Range	-45° ~ 80°
Rotate Range	-143° ~ 203°
Network	
Video Compression	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Yes
Bitrate Control	H.265 - CBR / VBR, H.264 - CBR / VBR
Audio Compression	Opus, 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/T/M
Max. Frame Rate	30ips : 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, IPv4, IPv6, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNMP, SMTP, FEN, mDNS, uPNP, SNMPv2
Security	FIPS 140-3 Level 3, Digest authentication, Password Protection, Brute force delay protection, User access log, IP Filtering, IEEE802.1x(EAP-TLS), Chained Fingerprint, SSL Encryption, HTTPS Encryption
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTsrec)	Yes (Up to 60MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)
Alarm and Event	
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection, Crowd detection, Abandoned object detection, Removed object detection, Fall detection
Event Notification	Remote S/W, Email (with Image)
Audio Alarm	Yes
Audio In / Out	1 / 1
Alarm In / Out	1 / 1
Environmental	
Vandal Proof Casing	IK10
Outdoor Ready	IP67, NEMA4X
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	12VDC, 1.1A, 13.2W PoE, IEEE 802.3af(Class3), 57VDC, 12W
Approval	UL, FCC, CE, KC
Mechanical	
Dimensions	Ø160 x 120mm(Ø6.3" x 4.72")
Weight	1.1kg (2.4lb)



PRODUCT IMAGE



DIMENSIONS



ACCESSORIES (OPTIONAL)

DA-MA2100	DA-WM2050	DA-RM2000	DA-LM2000
DA-MA2100	WALL MOUNT	Corner Mount	Pole Mount
DA-CM2050	DA-CM2100	DA-JB2200	
CEILING MOUNT	Ceiling Mount	JUNCTION BOX	

ACCESSORY CONFIGURATION BY INSTALLATION ENVIRONMENT

PRODUCT	INSTALLATION ENVIRONMENT	ACCESSORY CONFIGURATION
DC-D6831WRA	CELLING	 DA-MA2100 Model: DA-MA2100
		 CEILING MOUNT Model: DA-CM2050
		or
		 DA-MA2100 Model: DA-MA2100
		 CEILING MOUNT Model: DA-CM2100
	POLE	 DA-MA2100 Model: DA-MA2100
		 WALL MOUNT Model: DA-WM2050
		 POLE MOUNT Model: DA-LM2000
	CORNER	 DA-MA2100 Model:DA-MA2100
		 WALL MOUNT Model:DA-WM2050
		 CORNER MOUNT Model:DA-RM2000
	ETC	 JUNCTION BOX Model: DA-JB2200

