

AV20576DN-28

Low-Profile, Multi-Sensor Versatility_20MP



- 20MP Resolution
- True wide dynamic range (WDR)
- Two-way audio
- Easy 3-axis camera adjustment
- Fixed Lenses 2.8mm(x4)
- IK10 / IP66
- Alarm in / out
- NDAA Compliant
- Day and night (ICR)
- PoE (IEEE 802.3af Class 3)
- Supports ONVIF

SPECIFICATIONS

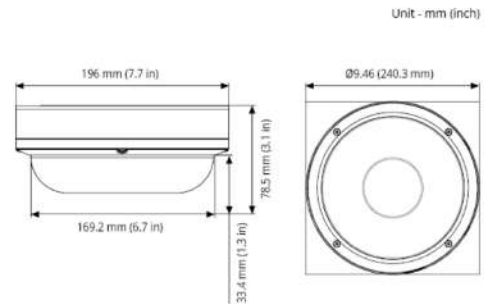
Camera Imaging Specifications	
Image Sensor (CMOS)	20MP (5MPx4) CMOS Progressive Sensor
Optical Format	1/2.8"
Pixel Pitch	2.0µm
Minimum Illumination	(Color (Day Mode)) 0.15Lux (B/W (Night Mode)) 0.15Lux
Full FOV Resolution	(Total) 10368H x 1944V (Per Sensor) 2592H x 1944V
Dynamic Range	Up to 100dB
Frame Rates	(At Max Resolution) 15fps(20MP) (Multi-Stream) Up to 15fps(20MP) + 10fps(20MP) + 15fps(1.2MP)
Lens (x4)	2.8mm, 1/2.7", F1.6H-FOV=98°
Programmability	
Optics	M12 lens and remote focus module
Low-Light Performance	NightView technology
Programmable Shutter Speed	Auto/manual 0.1ms~500ms
Motion Detection	Real time, 1024 detection zones
Privacy Masking	Unlimited
Backlight Compensation	Auto
White Balance Mode	Auto/manual
Gain Control	Auto
Flicker Control	5Hz-255Hz adjustable
Scaling	(8MP) 1920x1080 1280x720 960x540, 640x360 (20MP) 2592x1944 2560x1440 2304x1296 2048x1536 1920x1080 1600x1200 1296x972 1280x960, 1280x720 800x600, 640x480
Wide Dynamic Range	Adjustment between WDR and LDR modes
Efficiency	SNAPstream (Smart Noise Adaptation and Processing) Bit rate and bandwidth limitation control
Miscellaneous	Programmable brightness contrast, sharpness saturation hue
Password	16 digit ASCII character password
On-Screen Display (OSD)	Time/date/camera name/custom text
Data Transmission	
Compression Type	H.265/H.264 (MPEG4, Part 10)/Motion JPEG 21 levels of quality
Bit Rate Control	128K-8000K
Smart Codec	Smart GOP
Network Protocols	SNMP/HTTP/HTTPS/IPv6/IPv4/SSL/TCP/IP/UPnP/UDP/RTCP/RTSP/RTPT/SMT/NTPT/DHCP/FTP/802.1x/QoS/DDNS/Zero Configure
Network Interface	10/100/1000Mbps Ethernet, RJ45
Max Camera Bandwidth	36Mbps (9Mbps per sensor)
Multi-Streaming	2 x H.265/H.264 stream, 1 x M-JPEG stream (per sensor)
Users	Live Viewing/Administrator for up to 10 clients
Event Management	
Event Trigger	Motion detection, tampering detection, alarm in
Notifications	Send a message via e-mail/FTP/NAS/SD Card/Recording Record/JPG/MPEG4
Compliance	
Industry Standard	ONVIF Profile S, G, and T conformant
Listings	UL60950-1, E489591
FCC Compliance	47 CFR 15 Class A
Environmental	RoHS REACH WEEE
Markings	(CE): EN55032 Class A, EN55035 EN61000-3-2, EN61000-3-3
Mechanical	IK10 (EN62262), IP66 (EN60529)
Environmental	
Operating Temperature	-40°C (-40°F) to +50°C (122°F)
Humidity	0% to 90% (non-condensing)
Storage Temperature	-40°C (-40°F) to +60°C (140°F)
Electrical	
Alarm Input/Output	1 input (wet contact)/1 output (wet contact)
Power Over Ethernet	IEEE 802.3at (PoE), Class 4
Auxiliary Power	12-48V DC, 24V AC
Power Consumption	14W max
Audio Electrical	
Streaming	Two-way
Compression	G711 PCMA 8kHz/8 bit



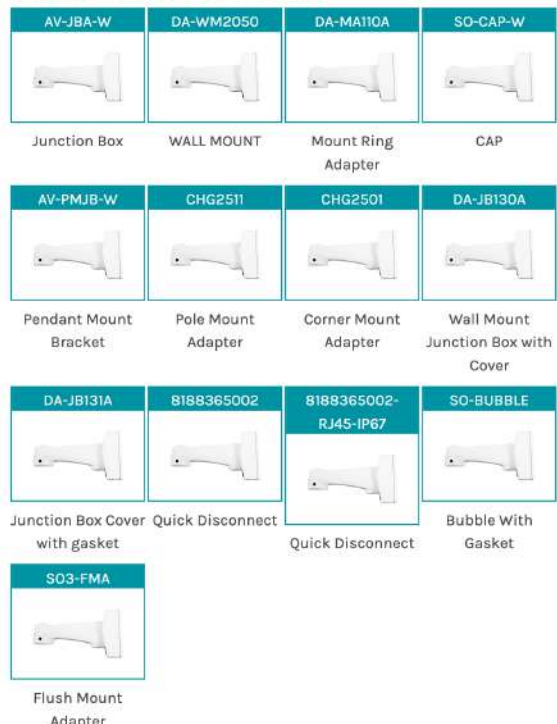
PRODUCT IMAGE



















DIMENSIONS



ACCESSORIES (OPTIONAL)



ACCESSORY CONFIGURATION BY INSTALLATION ENVIRONMENT

PRODUCT	INSTALLATION ENVIRONMENT	ACCESSORY CONFIGURATION
AV20576DN-28	WALL	 JUNCTION BOX Model: AV-JBA-W
		or
		 WALL MOUNT Model: DA-WM2050
		+
		 MOUNT RING Model: DA-MA110A
		+
		 CAP Model: SO-CAP-W
		or
		 FLUSH MOUNT Model: SO3-FMA
		CEILING
	 CAP Model: SO-CAP-W	
	POLE	 WALL MOUNT Model: DA-WM2050
		+
		 POLE MOUNT Model: CHG2511
		+
	CORNER	 WALL MOUNT Model: DA-WM2050
		+
		 CORNER MOUNT Model: CHG2501
		+
	ETC	 MOUNT RING Model: DA-MA110A
or		
 WALL MOUNT Model: DA-JB130A		
or		
 JUNCTION BOX Model: DA-JB131A		
or		
 QUICK DISCONNECT Model: 8188365002		
or		
 QUICK DISCONNECT Model: 8188365002-RJ45-IP67		
or		
 BUBBLE WITH Model: SO-BUBBLE		