

# AV8576DN-28



## Low-Profile, Multi-Sensor Versatility\_8MP

- 8MP 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

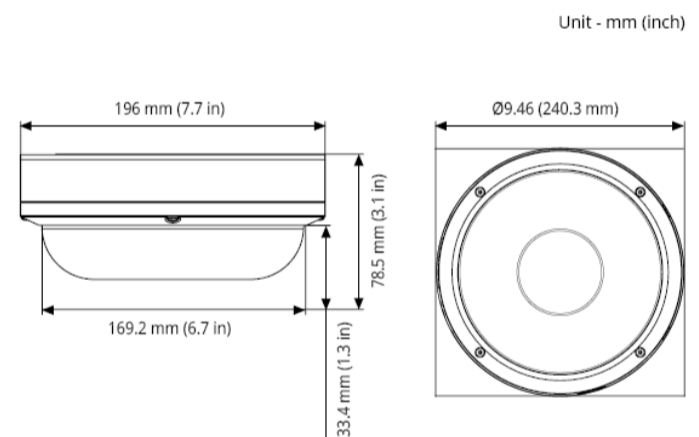
Camera Imaging Specifications	
Image Sensor (CMOS)	8MP (1080p x 4) CMOS Progressive Sensor
Optical Format	1/2.8"
Pixel Pitch	2.0µm
Minimum Illumination	(Color (Day Mode)) 0.15 Lux (B/W (Night Mode)) 0.15 Lux
Full FOV Resolution	(Total) 7680 H x 1080 V (Per Sensor) 1920 H x 1080 V
Dynamic Range	Up to 100dB
Frame Rates	(At Max Resolution) 30fps (8MP) (Multi-Stream) Up to 30fps (8MP) + 30fps (8MP) + 30fps (0.9MP)
Lens (x4)	2.8mm, 1/2.7", F1.6, H-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 (MPEG-4, 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, RTP, SMTP, NTP, 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/MP4
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	IK-10 (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	G.711 PCM 8 kHz/8 bit
Input/Output	Line in/ Line output
Mechanical	
Casing	Die-cast aluminum chassis with polycarbonate dome bubble IP66 weather proof standard Impact resistant, IK-10 rated
Gimbal	Easily adjustable, 3-axis w/360° pan, 90° tilt, and 360° z-axis
Dimensions	(Unit) Ø 7.7" (196mm) x 3.1" H (78.5mm) (Bubble Only) Ø 6.7" (169.2mm) x 1.3" H (33.4mm) (Packaged) 8" W (203mm) x 8" L (203mm) x 4" H (102mm)
Weight	(Unit) 3.8lbs (1.7kg) (Packaged) 4.4lbs (2.0kg)
On Board Storage	MicroSDXC slot up to 1TB (card not included)
Body Color	AV Costar White (Pantone® Cool Gray 1C)
















### PRODUCT IMAGE























### DIMENSIONS



### ACCESSORIES (OPTIONAL)

AV-JBA-W  Junction Box	DA-WM2050  WALL MOUNT	DA-MA110A  Mount Ring Adapter	SO-CAP-W  CAP
AV-PMJB-W  Pendant Mount Bracket	CHG2511  Pole Mount Adapter	CHG2501  Corner Mount Adapter	DA-JB130A  Wall Mount Junction Box with Cover
DA-JB131A  Junction Box Cover with gasket	8188365002  Quick Disconnect	8188365002-RJ45-IP67  Quick Disconnect	SO-BUBBLE  Bubble With Gasket
SO3-FMA  Flush Mount Adapter			

# ACCESSORY CONFIGURATION BY INSTALLATION ENVIRONMENT

PRODUCT	INSTALLATION ENVIRONMENT	ACCESSORY CONFIGURATION
AV8576DN-28	WALL	 <span>JUNCTION BOX</span> Model:AV-JBA-W
		or
		 <span>WALL MOUNT</span> Model:DA-WM2050
		+
		 <span>MOUNT RING</span> Model:DA-MA110A
		+
		 <span>CAP</span> Model:SO-CAP-W
		or
		 <span>FLUSH MOUNT</span> Model:SO3-FMA
		CEILING
	+	
	 <span>CAP</span> Model: SO-CAP-W	
	POLE	 <span>WALL MOUNT</span> Model: DA-WM2050
		+
		 <span>POLE MOUNT</span> Model: CHG2511
		+
	 <span>MOUNT RING</span> Model: DA-MA110A	
	+	
	 <span>CAP</span> Model: SO-CAP-W	
	CORNER	 <span>WALL MOUNT</span> Model:DA-WM2050
		+
		 <span>CORNER MOUNT</span> Model:CHG2501
		+
	 <span>MOUNT RING</span> Model:DA-MA110A	
	+	
	 <span>CAP</span> Model:SO-CAP-W	
	ETC	 <span>MOUNT RING</span> Model: DA-MA110A
		or
 <span>WALL MOUNT</span> Model: DA-JB130A		
or		
 <span>JUNCTION BOX</span> Model: DA-JB131A		
or		
 <span>QUICK DISCONNECT</span> Model: 8188365002		
or		
 <span>QUICK DISCONNECT</span> Model: 8188365002-RJ45-IP67		
or		
 <span>BUBBLE WITH</span> Model: SO-BUBBLE		