

# AV10956DN-28



## Two in One MicroDome Duo\_10MP (5MP x 2)

10MP (2 x 5MP) Resolution  
Fixed Lens 2.8mm(x2)  
Day and night (ICR)  
True wide dynamic range (WDR)

IK10 / IP66  
Alarm in / out  
PoE (IEEE 802.3af Class 3), 12V DC  
Easily Adjustable 3-Axis

NDAA Compliant  
Supports ONVIF  
Two-way audio

### SPECIFICATIONS

Camera Imaging Specifications	
Image Sensor (CMOS)	10MP (5MP x 2) CMOS Progressive Sensor
Optical Format	1/2.8"
Pixel Pitch	2.0µm
Minimum Illumination	(Color (Day Mode)) 0.15 Lux (B/W (Night Mode)) 0.015 Lux
Full FOV Resolution	(Total) 5184 H x 1944 V (Per Sensor) 2592 H x 1944 V
Dynamic Range	Up to 100dB
Frame Rates	(At Max Resolution) 15fps (10MP) (Multi-Stream) (WDR Off) Up to 15fps (10MP) + 10fps (10MP) + 15fps (0.61MP) (Multi-Stream) (WDR On) Up to 15fps (10MP) + 10fps (10MP) + 15fps (0.61MP)
Lens (x2)	(2.8mm Lens) 2.8mm, F2.0, 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	(4MP) 1920x1080, 1280x960, 1280x720, 960x540, 800x600, 640x480, 640x360 (10MP) 2592x1944, 2560x1440, 2304x1296, 2048x1536, 1920x1080, 1600x1200, 1296x972, 1280x960, 1280x720, 800x600, 640x480 (16MP) 3840x2160, 2592x1944, 2560x1440, 2048x1536, 1920x1080, 1600x1200, 1296x972, 1280x960, 1280x720, 800x600, 640x480, 640x360
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
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)
Data Transmission	
Compression Type	H.265/H.264 (MPEG-4, Part 10)/Motion JPEG 21 levels of quality
Bit Rate Control	4MP/10MP Models: 128K-8000K16MP Models: 512K-8000K
Smart Codec	Smart GOP/Smart ROI
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	18Mbps (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
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	PoE IEEE 802.3af, Class 3
Auxiliary Power	12-48V DC, 24V AC
Power Consumption	10.5W max
Audio Electrical	
Streaming	Two-way
Compression	G.711 PCM 8 kHz
Input/Output	Line Input / Line Output
Mechanical	
Casing	Die-cast aluminum chassis with polycarbonate dome bubble IP66 weather proof standard Impact resistant, IK-10 rated
Mount	Mount plate with electrical box adapter holes (included)
Gimbal	Easily adjustable, 3-axis w/360° pan, 90° tilt, and 360° z-axis
Dimensions	(Unit) 2.83" H (71.9mm) x 4.06" W (103mm) x 6.42" L (163mm) (Packaged) 3.74" H (95mm) x 4.72" W (120mm) x 7.09" L (180mm)
Weight	(Unit) 2.2lbs (1.0kg) (Packaged) 2.6lbs (1.2kg)
On Board Storage	MicroSDXC slot up to 1TB (card not included)
Body Color	AV Costar White (Pantone® Cool Gray 1C)



### PRODUCT IMAGE



### DIMENSIONS

