



ADVANCED
TECHNOLOGY
VIDEO

IP PRODUCT SERIES

>>>2MP, TRIPLE STREAMING, TRUE DAY/NIGHT,
WDR, 12X PTZ, IP VANDAL DOME

IP 12X PTZ DOME

IPSDV12XW

- > 2MP Full HD, 1920 x 1080 Resolution
- > 1/2.8" Sony Exmor CMOS
- > True Day/Night and WDR Functionality for all Lighting Conditions
- > Sharp Video Motion Images with Progressive Scanning
- > High Speed PTZ Dome with Privacy Masking, Two-way Audio and Video Motion Detection
- > 12x, 4.8 - 57.6mm, Auto-Focus, Optical Zoom Lens with 16x Digital Zoom Function
- > Triple streaming, H.264 and MJPEG Compression, up to 60-ips @ 1080p
- > Digital Noise Reduction (DNR) and Digital Image Stabilization (DIS)
- > Video Content Analysis (Video Analytics) features such as Line and Field Detector
- > Record and Manage up to 64 Cameras and View and Manage an Unlimited Number of ATV NVR Units with the included ATVision IP Remote Management Software
- > Supports a Micro-SD card slot for event and continuous recording
- > Pendant, Flush and Wall Mount Options Available
- > ONVIF Compliant for Network Video Interoperability
- > IP66 Rated Weather Resistant and IK10 Impact Resistant Housing with Built-in Heater
- > 12VDC / 24VAC / PoE Power Source Options

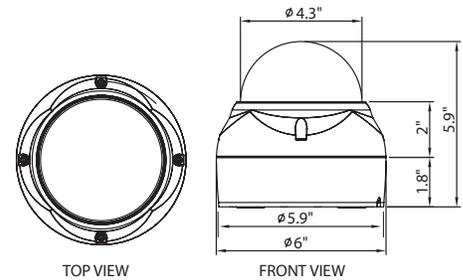


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SPECIFICATIONS

MODEL	IPSDV12XW	
CAMERA	Lens	12x; 4.8 ~ 57.6mm
	Angle of View	64.2° (H) ~ 5.9° (V)
	Image Sensor	Type: 1/2.8" Sony Exmor CMOS; Pixels: 1,952(H) x 1,236(V)
	Min. Illumination	Color: 0.5Lux; B/W: 0.1Lux @ 50 IRE
	Wide Dynamic Range	80 dB
	Day and Night Mode	True D/N (Auto, Day, Night)
	Noise Reduction	2DNR
	Digital Zoom	16x
	AE, AWB, BLC	Yes
	Image Effect	Flip (Digital), DIS, Defog
	Shutter Speed	Auto (1/10,000 ~ 115 sec.), Manual
	Pan Range	360° Endless
	Pan Speed	Max. 380° / sec (Preset)
	Tilt Range	0° ~ 180°
Tilt Speed	Max. 380° / sec (Preset)	
NETWORK	Video Compression	H.264 (Baseline, Main, High Profile), MJPEG
	Video Resolution	1920x1080, 1280x1024, 1280x720/960, 704x480/576, 640x360/480, 320x240
	Video Frame Rate	Max. 60fps/50fps (NTSC/PAL)
	Video Streaming	60/50fps (Dual Stream: H.264 x 1, MJPEG x 1) 30/25fps (Triple Stream: H.264 x 2, MJPEG x 1)
	Audio Compression	G.711
	Audio Streaming	2 Way
	Video Contents Analysis	Line Detector, Field Detector
	Motion Detection Area	16 Programmable Area (Include Area 8, Exclude Area 8)
	Privacy Mask	12 Programmable Zones
	FTP Uploading	MJPEG
	Event Notification	E-mail, FTP, Notification Server, XML Notification, Audio Alert, AIHM
	Event Buffering	FTP: Pre : 30sec, Post : 30sec, SD Record: Pre : 10sec, Post : 60sec
	Security	Multi User Authority, IP Filtering, HTTPS, SSL
	Network Time Sync	NTP Server, Synchronize Computer, Manual
SD Recording Mode	Event / Continuous	
Protocols	TCP/IP, UDP, IPv4/IPv6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour	
Client Software	Web, SmartManager, ATVision IP	
Max. User Connection	Live : 10 Users, Playback : 3 Users	
GENERAL	Audio	1 Input, 1 Output (3.5mm Stereo Jack)
	Alarm	4 Inputs, 1 Output (Terminal Block)
	Ethernet	RJ-45 (10/100Base-T)
	SD Card Slot	SDHC(Max. 32GB)
	Operating Humidity	0 ~ 90% RH (Non-condensing)
	Operating Temperature	14°F ~ 122°F (-10°C ~ 50°C); with heater: -22°F (-30°C)
	Power Supply	PoE(IEEE802.3af compliance, Class0), 12VDC, 24VAC (for heater use)
	Power Consumption	250mA (12.0W) @ PoE, 1.0A (12.0W) @ 12VDC or 24VAC (with heater: 1.5A, 22W @24VAC)
	Dimensions	6.0 x 5.9" (154 x 150mm)
	Weight	3.5lb (1.6kg)
	Environmental	IP66, IK10
Conformity Certifications	FCC, CE, MIC, UL	

DIMENSIONS



ATVision IP Remote Management Software

ACCESSORIES

- A-CM150 Corner Mount for VDMWC2
- A-CM151 Pole Mount for VDMWC2
- A-PEXM Ceiling Mount Bracket
- A-PFM Flush Mount
- A-PPDM Ceiling Pipe Mount Adapter
- DB243W2 Wall Mount
- SDK162J Keyboard Controller
- VDMWC2 Wall or Pendant Mount Kit



Minimum System Requirements for ATVision IP Software

Operating System: Microsoft Windows 7 (or 8) Professional/ Enterprise/Ultimate

CPU: Intel Core i7; RAM: 4GB; Ethernet connection: 1Gbps

Graphics Card: Gaming rated, with 1GB at 1080p for Single Monitor; 2GB at 1080p for Multiple Monitors

HDD's: 7200RPM and 64MB cache; 1 separate HDD for Operating System and Software; and 1 (2TB) HDD for Recording (refer to IP storage calculator)