



ADVANCED
TECHNOLOGY
VIDEO

IP PRODUCT SERIES

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

IP 12X PTZ DOME

IPSDV12XW



ONVIF | S

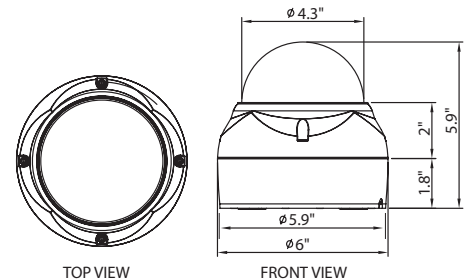
- > 2MP Full HD, 1920 x 1080 Resolution
- > 1/2.8" Sony Exmor CMOS
- > True Day/Night and WDR Functionality for all Lighting Conditions
- > Sharp Video Motion Images with Progressive Scanning
- > High Speed PTZ Dome with Privacy Masking, Two-way Audio and Video Motion Detection
- > 12x, 4.8 - 57.6mm, 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



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
FEATURES	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°
NETWORK	Tilt Speed
	Max. 380° / sec (Preset)
	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
GENERAL	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
	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)