



ADVANCED
TECHNOLOGY
VIDEO

IP PRODUCT SERIES

>>> 2MP, TRUE DAY/NIGHT, WDR,
20x, IP, PTZ CAMERA

IP 20x PTZ CAMERA
IPSDV20X2

- > 2MP Full HD, 1920 x 1080 Resolution
- > Sony Starvis CMOS Sensor with Progressive Scanning for Sharper Video Motion Images
- > True Day/Night and WDR Functionality for all Lighting Conditions
- > Up to 256 Pre-set Positions, 8 Tours, 8 Patterns
- > High Speed PTZ Dome with 380°/sec Maximum Pan/Tilt
- > 20x, 4.7 - 94.0mm, Auto-Focus, Optical Zoom Lens with 16x Digital Zoom Function
- > Triple Streaming up to 60-ips @1080p Resolution, using H.264 and MJPEG Compression
- > Digital Noise Reduction 3DNR, Digital Image Stabilization (DIS) and Two-Way Audio
- > Video Content Analysis (Video Analytics) features such as Line and Field Detector
- > ATVision IP Remote Management Client Software for Windows and Mac and Mobile Applications for Apple and Android Operating Systems are included
- > Advanced Intelligent Health Monitoring (AIHM) Alerts User to Abnormal Conditions
- > A built-in Micro-SD Card Slot Enables Local Storage of Video
- > Pendant, Flush and Wall Mount Options Available
- > ONVIF Profile S Compliant
- > IP66 Rated Weather Resistant and IK10 Impact Resistant Housing with Built-in Heater
- > 12VDC / 24VAC / PoE Power Source Options



ONVIF | S

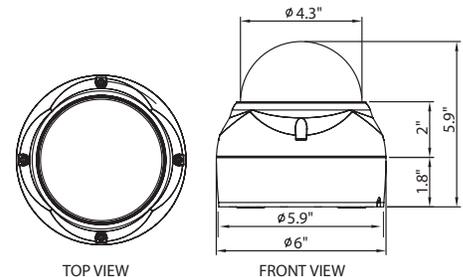
IP 20x PTZ CAMERA IPSDV20X2

IP PRODUCT SERIES

SPECIFICATIONS

MODEL	IPSDV20X2	
CAMERA	Lens	20x; 4.7 ~ 94.0mm
	Angle of View	55.5° (H) ~ 3.0° (V)
	Image Sensor	Type: 1/2.8" Sony Starvis CMOS; Pixels: 1,945(H) x 1,097(V)
	Min. Illumination	Color: 0.35Lux; B/W: 0.13Lux @ 50 IRE
	Wide Dynamic Range	120 dB
	Day and Night Mode	True D/N (Auto, Day, Night)
	Noise Reduction	3DNR
	Digital Zoom	16x
	AE, AWB, BLC	Yes
	Image Effect	Flip (Digital), DIS, Defog
	Tours	8
	Pattern	8
	Pan Range	360° Endless
	Pan Speed	Max. 380° / sec (Preset)
	Tilt Range	-10° ~190°
	Tilt Speed	Max. 380° / sec (Preset)
	NETWORK	Video Compression
Video Resolution		1920x1080 ~ 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 Content Analysis		Line Detector, Field Detector, Face Detector, Tampering
Motion Detection Area		16 Programmable Area (Include Area 8, Exclude Area 8)
Privacy Mask		16 Programmable Zones
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
Micro-SD Card Recording		Continuous / Event
Protocols		TCP/IP, UDP, IPv4/IPv6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
Software		Web, SmartManager, ATVision IP Client and Mobile
Compatible 3rd Party VMS		See link on www.atvideo.com
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

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)

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
- HDA201P Pendant Cap for PM304
- KB5000N Keyboard Controller
- PM304 Parapet Roof Mount
- VDMWC2 Wall or Pendant Mount Kit



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ATV7730816-02

