

## PTZ-WDR-20X 20X 2MP Mini Speed Dome Network Camera



### Features:

- H.264, H.265 Support
- 2MP Resolution
- Optical Zoom 20X(4.7~94mm)
- True WDR, True Day & Night
- Max. 380°/sec Preset Speed
- Preset(256), Tour(8), Pattern(8)
- Alarm In/Out(4/1), Audio In/Out(1/1)
- Micro SD Card(SDHC, SDXC)
- PoE, 12VDC, 24VAC
- IP66

### Key Functions

- Hi-Stream(Smart Codec)
- Intelligent Video Motion Detection, Intrusion Detector
- Quad Stream(H.264/H.265, MJPEG)
- Onvif Profile S
- Easy Install : Zero Configuration, Discovery, PoE
- Multi User Authority, IP Filtering, HTTPS, SSL
- Cross Web Browsing(IE, Safari, Firefox, Chrome)
- Defog
- DIS(Digital Image Stabilization)
- Audio Alert

Distributed by:

Technical Specs:	PTZ-WDR-20X
<b>IMAGE</b>	
Lens	Optical Zoom 20X, 4.7~94mm
Angle of View	55.5~3°(H)
Image Sensor	1/2.8" SONY STARVIS CMOS Sensor
Min. Illumination	Color : 0.2Lux@50IRE / BW : 0.01Lux@50IRE
Scanning Mode	Progressive Scan
Wide Dynamic Range	True WDR
Day and Night Mode	True D/N(Auto, Day, Night)
Noise Reduction	2DNR, 3DNR
Digital Zoom	16X
Exposure Control	Auto, Iris Priority
White Balance Control	Auto, Manual
Image Effect	Flip, DIS, Defog, BLC, HLC
Flicker Free Mode	Yes
Shutter Speed	Auto(1/30,000~x8sec)
<b>VIDEO/AUDIO</b>	
Compression	H.264(Baseline, Main, High Profile), H.265(Main Profile), MJPEG
Bitrate Control	CBR, CVBR
Resolution	1920x1080, 1440x1080, 1280x1024/720, 1024x768, 800x600/480, D1, 640x480, 400x240, CIF
Frame Rate	Max. 25/30fps
Streaming	Quad Stream(H.264/H.265x3, MJPEGx1)
Audio Compression	G.711
Audio Streaming	2 Way
<b>PTZ FUNCTION</b>	
Pan Range	360°Endless
Pan Speed	Max. 380°/sec.(Preset)
Tilt Range	-10~190°
Tilt Speed	Max. 380°/sec.(Preset)
Preset	256
Tour	8
Pattern	8
Home Function	Yes
<b>SYSTEM</b>	
Video Contents Analysis	Tampering, Intelligent Motion, Intrusion Detector
Motion Detection Area	16 Programmable Area(Include Area 8, Exclude Area 8)
Privacy Mask Zone	16 Programmable Zone
Smart Codec	Hi-Stream
FTP Uploading	MJPEG
Event Notification	E-mail, FTP, Notification Server, XML Notification, Audio Alert
Audio Alert	User-Defined 3 Audio files
Login Authority	Administrator, Operator, Guest
Event Buffering: FTP	Pre : 30sec, Post : 30sec
SD Record	Pre : 10sec, Post : 60sec
Manual Trigger	4 Programmable Trigger
Security	Multi User Authority, IP Filtering, HTTPS, SSL
Network Time Sync	NTP Server, Synchronized Computer, Manual
Software Reset	Restart, Reset, Factory Default
Hardware Factory Reset	Yes
Auto Recovery	Backup, Restore
Remote Upgrade	Web Browsing(IE, Chrome, Safari, Firefox), SmartManager
SD Recording Mode	Event, Continuous
<b>NETWORK</b>	
Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
Client Software	Web, SmartManager, Client S/W, Mobile S/W
Max. User Connection	Live : 10 Users, Playback : 3 Users
API Support	Open API, Onvif Compliance
Mobile Support	Android, iOS
<b>EXTERNAL IN/OUT</b>	
Audio	1 Input, 1 Output(RCA Mono Jack)
Alarm	4 Input, 1 Output(Terminal Block)
Ethernet	RJ-45
u-SD Card	SDHC, SDXC
<b>ETC</b>	
Operating Humidity	0~90% RH(Non-Condensing)
Operating Temperature	-10~+50°
Power Supply	PoE(IEEE802.3af Compliance, Class0), 12VDC, 24VAC
Power Consumption	250mA(12W)@PoE 1A(12W)@12VDC, 24VAC
Dimension	154(Ø)x150(H)mm
Net Weight	Approx. 1.6kg
Ingress Protection	IP66

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COMPLETE

CAMERAS

CONTROLLER

SOFTWARE

CREDENTIAL  
READER

LOCKING  
DEVICE

REX SENSOR

ACCESSORIES

POWER