

## NET20XPTZ-2MP

2MP Network PTZ Camera w/20X Zoom



### FEATURES

- 4.7mm~94mm (20x optical zoom)
- Triple Stream Encoding
- Max 30fps @ 1080P (1920 1080)/60fps @ 720P
- WDR (D-WDR), Day/Night (ICR), Ultra DNR, Auto Iris, Auto Focus
- Multiple network monitoring: Web viewer, CMS (DSS/PSS) & DMSS
- Max 500°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD Memory
- IP 67
- Easy installation

### SPECIFICATIONS

CAMERA	NET20XPTZ-2MP
Image Sensor	1/2.8" Exmor CMOS
Effective Pixels (HxV)	1920 (H) x 1080 (V), 2 Megapixels
Scanning System	Progressive
Electronic Shutter	1/3s~1/30,000s
Min Illumination	Color: 0.5 Lux @ F1.4/B&W: 0.0005 Lux @ F1.4
S/N Ratio	>55db
<b>CAMERA FEATURES</b>	
White Balance	Auto / ATW / Indoor / Outdoor / Manual
Gain Control	Auto / Manual
Day / Night	Auto (ICR) / Color / B&W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
Noise Reduction	Ultra DNR -2D / 3D
Privacy Masking	Up to 24 areas
<b>LENS</b>	
Optical / Digital Zoom	20x / 16x
Focal Length	4.7mm ~ 94mm
Close Focus Distance	100mm ~ 1,000mm
Max Aperture	F1.4 ~ F2.6
Angle of View	H: 54.1° ~ 3.2°
<b>PTZ</b>	
Pan / Tilt Range	Pan: 0° ~ 360° Endless / Tilt: 0° ~ 90°/s, Auto Flip 180°
Manual Control Speed	Pan: 0.1°~ 350°/s / Tilt: 0.1°~250°/s
Preset Speed	Pan: 500°/s / Tilt: 500°/s
Preset	300
PTZ Mode	5 pattern/8 tour/Auto Pan/Auto Scan
Speed Setup	Human-Oriented Focal Length / Speed Adaptation
Power Up Action	Auto Restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern (if there is no command in the specified period)
Protocol	DH-SD (Auto Recognition)
<b>AUDIO</b>	
Compression	G.711a / G.711Mu (32kbps) / PCM (128kbps>)
Interface	1/1 Channel In/Out
<b>INTELLIGENT FUNCTION</b>	
IVS (Optional)	Tripwire, Intrusion, Abandoned Object Detection, Missing Object Detection
Face Detection	Support

Specifications continued on back page:

# NET20XPTZ-2MP *Specifications continued:*

VIDEO	
Compression	H.264 / MJPEG
Resolution	1080P (1920x1080) / 720P (1280x720) / D1 (704x576/ 704x480) / CIF (352x288/352x240)
Frame Rate- Main	1080P/ D1 (1~25/30fps), 720P (1~ 60fps)
Frame Rate- Sub Stream 1	D1/CIF (1~25/30fps)
Frame Rate- Sub Stream 2	720P/D1/CIF (1-25/30fps)
Bit Rate	H.264: 448K~8192Kbps
NETWORK	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS
Compatibility	ONVIF, PSIA, CGI
Max. User Access	20 Users
Smart Phone	iPhone, iPad, Android, Windows Phone
AUXILIARY INTERFACE	
Memory Slot	Micro SD / Max 128GB
Alarm	2/1 Channel In/Out
GENERAL	
Power Supply/Consumption	AC24V/1.5A (±10%), PoE plus (802.3at)/Outdoor Consumption: 13W, 23W (Heater On), In-ceiling: 13W
Waterproof Rating	IK10 optional & IP67
Working Environment	14°~140° F (-10°~ 60° C), 10%~90% RH
Dimensions (D x H)	Outdoor: Φ 7.3" x 9.7" (186.0mm x 253mm) In-ceiling: Φ 7.8" x 7" (198mm x 177mm)
Weight	Outdoor: 5.5lbs (2.5kg) In-ceiling: 4.9lbs (2.2Kg)
Warranty	1 year
<b>Product Includes:</b>	Installation/Instruction Manual, Free Technical Support, Power Supply

## STYLE COMPARISON:

NEW style features leaner profile and smaller overall dimensions to fit more diverse areas.

