



## ULT-P2PTZXIR20

2 Megapixel IP Plug & Play, Outdoor PTZ, 20x Zoom, 328' EXIR Range, SD Card Slot, AC24V/High-PoE

### Features

- 2 Megapixel (1920 x 1080) Resolution
- H.264/H.264+/MPEG4 Compression
- 20x Optical Zoom
- Digital WDR
- Audio Input/Output
- IP66 Weather Resistant
- Operates up to -22°F
- SD Card Local Storage, Up to 128GB
- 24VAC/High PoE Power Supply
- Free MAC client software available
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) to manage multiple units & sites from a single platform

Model Number	ULT-P2PTZXIR20
Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixel	1920 x 1080
Min. Illumination	Color: 0.05Lux @ (F1.4, AGC ON); B/W: 0.01 Lux (F1.6, AGC ON); 0 Lux with IR
White Balance	Auto / Manual/ATW/Indoor/Outdoor/Daylight lamp/sodium lamp
AGC	Auto / Manual
S / N Ratio	>= 50dB
Digital Noise Reduction	3D DNR
Backlight Compensation	BLC/DWDR
Wide Dynamic Range	Digital WDR
Shutter Speed	1 ~ 1/10,000s
Day & Night	IR Cut Filter
Digital Zoom	16X
Focus Mode	Auto / Semiautomatic / Manual
Len Focal Length	4.3 ~ 94.0mm, 20X
Zoom Speed	Approx 3s (Optical Wide-Tele)
Angle of View	58.3 ~ 3.2 degree (Wide-Tele)
Min. Working Distance	10 ~ 1000 mm (Wide-Tele)
Aperture Range	F1.4 ~ F3.5
Range	Pan: 360° endless; Tilt 5° ~ 90° (Auto Flip)
Speed	Pan Manual Speed: 0.1° ~ 160°/s, Pan Preset speed: 240°/s; Tilt Manual speed: 0.1° ~ 120°/s, Tilt Preset speed: 200°/s rotation speed can be adjusted automatically according to zoom multiples
Proportional Zoom	
Number of Preset	256
Patrol	8 patrols, up to 32 presets per patrol
Park action	Pattern/Pan scan /Tilt scan/Frame scan/Panorama scan/Random scan
Power-off Memory	Support
IR distance	UP to 450 ft.
IR Intensity	Automatically adjusted, depending on the zoom ratio
Audio input	Optional audio input (LINE input), 2 ~ 2.4V(p-); output impedance: 1KΩ, +-10%
Audio Output	Line level, impedance: 600Ω
Alarm I/O	2/1
Network Ethernet	10Base-T / 100Base-TX, RJ45 connector
Max. Image Resolution	1920 x 1080
Frame Rate	60Hz: 30fps (1920 x 1080), 30fps (1280 x 960), 30 fps (1280 x 720)
Image Compression	H.264/H.264+/MPEG4
Audio Compression	G.711u / G.711a /G.726
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
Simultaneous Live View	Up to 6
Streams	Dual Streams
Mini SD Memory Card	Micro SD Slot, up to 128GB
User/Host Level	Up to 32 user, 3 Levels: Administrator, Camera control, Live view only
Security Measures	User authentication (ID and PW), Host authentication (MAC address), IP address filtering
Application programming	Open-ended API, support Onvif PSIA and CGI
Web Browser	IE7, IE8, IE9, Chrome 8 +, Firefox3.5 +, Safari 5+
Power	24VAC / High-PoE: Max. 40W/21W (IR On / Off)
Working Temperature	-22 °F ~ 149 °F (-30°C ~ 65°C)
Humidity	90% or less
Protection Level	IP66 standard TVS 4000V lightning protection, surge protection and voltage transient protection
Dimensions	Ø8.66" x 13.91"
Weight (approx.)	9.92 Lbs

### Ordering Information

**ULT-P2PTZXIR20:** 2 Megapixel PTZ, 20x Zoom

**3 MEGAPIXEL PLUG & PLAY**

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