

Performance Series Specifications:

Compression	H.264, MJPEG, and ILSV3 Mega Compression
Resolution	1920x1080
Pan Speed Max.	380° / sec
Pan Range	360° Endless
Tilt Speed Max.	380° / sec
Tilt Range	-10° ~ 190°
Optical Lens	20x
Digital Zoom	64X ILS Mega Zoom
Image Type	1/2.8" Sony
View Field	64.2 ~ 5.9
Day/Night Mode	WDR Lens w/ Infrared Cut Filter (Automatic)
Wide Dynamic Range	80 dB
Min. Illumination	Color: 0.35Lux; B/W: 0.13Lux @ 50 IRE
BLC, AWB, AE	Yes
Network Time Sync	NTP Server, ILS VMS, User
Shutter Speed	25/30fps: Auto (1/30,000 x 8sec) 50/60fps: Auto (1/50,000 x 8sec)
Frame Rate	60fps (NTSC)
Audio Protocol	G711
Audio Streaming	2-way
Max. Connections	10 Users Direct Unlimited, Via ILS VMS
1 Audio	In
1 Audio	Out
Ethernet	10/100Base-T Connector
SD Card Connector	Support for up to 32GB
Operating Temperature	-10 C - +50 C -30 C - +50 C w/Heater)
Humidity Range	0 ~ 90%
Power Supply	PoE. 24VAC (Heater), 12VDC
Power Consumption	12.0W @ PoE, 12.0W @ 12VDC or 24VAC, 24VAC w/ Heater 22W
Conformity Certifications	FCC, CE, MIC, UL
Dimensions	6.0 x 5.9"
Weight	3.5lb



Key Features

- 20x Optical Lens w/ Mechanical Automatic Focus
- Auto Speed PTZ Mini Dome
- Day Night WDR Lens w/ Infrared Cut Filter (Automatic)
- 64x ILS Mega Zoom Digital Zoom Function
- 2 Mega Pixel HD Video at 1920 x 1080 Resolution
- Support H.264, MJPEG, and ILSV3 Mega Compression
- OnVIF Protocol S Support
- Automatic 3 Stream Handling Built in
- Video Analytic Connector to V3 Analytic Package includes Support for Analytics listed on page 2
- Micro-SD card slot
- Mixed Voltage is supported including 24VAC, 12VDC, POE
- Mounting options include Flush Mount, Wall Mount, and Pendant Mount
- Built in Privacy Masking
- Automatic Image Stabilizer
- Automatic Noise Reduction
- Audio Output for Speaker Connection
- Audio Input for Microphone Connection
- Progressive Scanning for High Quality Video Motion

Video Analytics

All ILS IP Cameras used in conjunction with ILS VMS Server & V3 Firmware Version 1.023 or Greater (including the ILS-IP-PTZ-20X) include direct Firmware Access to ILS Video Analytics including:

- Object Tracking / Counting
- Human Counting
- Burglar Intruder Alarm
- Face Detection
- Privacy Masking Zone Control
- Panorama Creation View
- Defog Image control
- Video Stabilizer
- Motion Detection w/ Detection Zones
- Automatic Crowd Detection
- Scene/Environment Change Detection
- Missing Object Detection
- Unattended Object Detection
- Fisheye Control / Tracking

V3 Firmware Features Included on Model ILS-IP-PTZ-20XV3:

- Mega Zoom Control
- V3 Compression for 1 to Many H.264 Capture
- Auto Decompression
- V3 VSM Firmware Device Monitoring w/ Auto Alert Feature
- Power MGT Platform w/ Auto Control
- V3 Analytics on Firmware Level
- ILS VMS Perpetual License
- Dynamic Stabilizer
- Time Merge Multi-Stream connection
- Temporal Compression Control
- Bit Stream Control & Variable Bit Rate Control (CBR / VBR)
- Common Intermediate Format and Frame Rate Control
- 2 Way Feedback Control Protocol
- Compression Built for 3rd Party Camera SDK Integration, including Intergraph / Hexagon
- Designed for use w/ BRS Labs (Behaviorial Recognition Systems)

Model Options

ILS-IP-PTZ-20X 20X PTZ Camera w/ OnVif Driver *No License included to 3rd Party VMS

ILS-IP-PTZ-20XV3 20X PTZ Camera w/ ILS V3 Firmware *Includes ILS VMS Perpetual License

Mount Options



ILS-WMCP
Wall Mount with Cable Feed



ILS-CMB
Ceiling Mount Bracket



ILS-FMB
Flush Mount Bracket



ILS-MMK
Multi-Mount Kit