

# ClearView

A Clear Choice

POWERED BY **IC REALTIME**  
Security Solutions

## 2.0 Megapixel Full Size (PTZ) Pan Tilt Zoom 25X Optical 490ft IR Range



### OVERVIEW

- 2 Megapixel 1080P resolution @ 30fps
- 1/2.8" Starvis CMOS
- 25x Optical Zoom
- 490 Foot IR Distance
- Support Triple-streams encoding
- 4.8mm ~ 120mm lens
- DWDR, Day/Night(ICR), Ultra DNR
- Auto iris, Auto focus
- 240° /s pan speed / 360° endless pan rotation
- 300 presets, Auto scan/pan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning
- Micro SD memory
- IP66 - Weatherproof
- 24VAC / 3A Included



#### IP-PTZ-IR-988

Image Sensor: 1/2.8" STARVIS™ CMOS

Effective Pixels: 1920(H) x 1080(V), 2 Megapixels

RAM/ROM: 1024M/128M

Scanning System: Progressive

Electronic Shutter Speed: 1/15~1/30,000s

Mini Illumination: Color: 0.005Lux@F1.6; B/W: 0.0005Lux@F1.6; 0Lux@F1.6 (IR)

S/N Ratio: More than 55dB

IR Distance: Distance up to 150m (492ft) 6 IR Leds

IR On/Off Control: Auto/Manual

Lens Focal Length: 4.8mm~120mm

Max. Aperture: F1.6 ~ F4.4

Angle of View: H: 62.8° ~ 2.6°

Optical Zoom: 25x

Focus Control: Auto/Manual

Close Focus Distance: 100mm~ 1000mm

The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

Detect: 1613m(5292ft)

Observe: 646m(2119ft)

Recognize: 323m(1060ft)

Identify: 161m(528ft)

Pan/Tilt Range: Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°

Manual Control Speed: Pan: 0.1° ~ 160° /s; Tilt: 0.1° ~ 120° /s

Preset Speed Pan: 240° /s; Tilt: 200° /s

Presets: 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/ Scan/ Tour/ Pattern if there is no command in the specified period

Protocol: DH-SD, Pelco-P/D (Auto recognition)

Event Trigger: Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal Access, Storage anomaly

Auto Tracking: Support

IVS: Tripwire, Intrusion, Abandoned/Missing

Advanced Intelligent Functions: Face Detection, Heat Map

Video Compression: H.265+/H.265/H.264+/H.264

Streaming Capability: 3 Streams

Resolution: 1080P(1920x1080)/1.3M(1280x960)/720P(1280x720)/D1(704x576)/CIF(352x288)

Frame Rate: Main stream: 1080P/1.3M/720P(1~60fps)

Frame Rate: Sub stream1: D1/CIF(1~30fps)

Frame Rate: Sub stream2: 1080P/1.3M/720P/D1/CIF(1~30fps)

Bit Rate Control: CBR/VBR (H.265/H.264: 448K ~ 8192Kbps)

Day/Night: Auto(ICR) / Color / B/W

Backlight Compensation: BLC / HLC / WDR (120dB)

White Balance: Auto, ATW, Indoor, Outdoor, Manual

Gain Control: Auto / Manual

Noise Reduction: Ultra DNR (2D/3D)

Motion Detection: Support Region of Interest: Support

Electronic Image Stabilization (EIS): Support

Defog: Support

Digital Zoom: 16x Flip: 180°

Privacy Masking: Up to 24 areas

Audio Compression: G.711a/G.711Mu/AAC/G.722 / G.726/G.729/MPEG2-L2

Network Ethernet: RJ-45 (10Base-T/100Base-TX)

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, Bonjour, 802.1X

Interoperability: ONVIF Profile S&G, API

Streaming Method: Unicast / Multicast

Edge Storage: NAS (Network Attached Storage), Local PC, Micro SD card 256GB

Web Viewer: IE, Chrome, Firefox, Safari

Management Software: Smart PSS, DSS, DMSS, Smart Phone: IOS, Android

Video Interface: 1 port(BNC, 1.0V[p-p], 75Ω)

RS485: 1 Audio I/O: 1/1 Alarm I/O: 2/1

Power Supply: AC24V/3A(±10%)

Power Consumption: 10.5W, 26W (IR on)

Operating Conditions: -40°F ~ +140°F / Less than 95% RH

Ingress Protection: IP66

Casing: Metal

Dimensions: 205(mm) x 336(mm)

Net Weight: 5kg(11.02lb)

Gross Weight: 8.3kg(18.30lb)

Access Anywhere

Android

iPhone

Most OS



**7 YEAR WARRANTY**

**FREE LIFETIME SUPPORT**

**IP MEGA PIXEL PTZ CAMERA**

**IP-PTZ-IR-988**

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