

## 2.0 Megapixel IP WDR IR Mini Dome Camera w/ Smart Detection



### OVERVIEW

- 1/2.8" 2.0 Megapixel progressive scan CMOS
- H.265+ & H.264+ dual-stream encoding
- 60fps@1080P(1920x1080)
- Smart Detection Supported
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC,
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8mm Lens
- 65ft IR Range
- Micro SD memory
- IP67 - Weatherproof
- IK10 - Vandalproof
- PoE - Power Over Ethernet

### IPD-81A

Image Sensor: 1/2.8" 2Megapixel progressive scan CMOS  
 Effective Pixels: 1920(H)x1080(V)  
 RAM/ROM: 256MB/32MB  
 Scanning System: Progressive  
 Minimum Illumination: 0.009Lux/F2.0 (Color), 0Lux/F2.0 (IR on)  
 S/N Ratio: More than 50dB  
 IR Distance: 65ft with 10 LEDs Smart IR  
 IR On/Off Control: Auto/ Manual  
 Lens Type: Fixed  
 Mount Type: Board-in  
 Focal Length: 2.8mm  
 Max. Aperture: F2.0  
 Angle of View: H: 110°, V: 58°  
 Focus Control: Fixed  
 Pan/Tilt/Rotation: Range Pan: 0°~60°; Tilt: 0°~80°; Rotation: 0°~360°  
 Intelligence: IVS Tripwire, Intrusion, Object Abandoned/Missing  
 Advanced Intelligent Functions: Face Detection  
 Video Compression: H.265+/H.265/H.264+/H.264  
 Streaming Capability: 3 Streams  
 Resolution: 1080P(1920x1080) / 1.3M(1280x960) / 720P(1280x720) / D1(704x480) / VGA(640x480) / CIF(352x240)  
 Main Stream: 1080P (1~50/60fps)  
 Sub Stream: D1(1~50/60fps)  
 Third Stream: 1080P(1~30fps)  
 Bit Rate Control: CBR/VBR  
 Bit Rate: H.264: 24~94.72Kbps, H.265: 14~56.32Kbps  
 Day/Night: Auto(ICR) / Color / B/W  
 BLC Mode: BLC / HLC / WDR(120dB)  
 White Balance: Auto/Natural/Street Lamp/Outdoor/Manual  
 Gain Control: Auto/Manual

Noise Reduction: 3D DNR  
 Motion Detection: Off / On (4 Zone, Rectangle)  
 Region of Interest: Off / On (4 Zone)  
 Digital Zoom: 16x  
 Flip: 0°/90°/180°/270°  
 Mirror: Off / On  
 Privacy Masking: Off / On (4 Area, Rectangle)  
 Audio Compression: G.711a/ G.711Mu/ AAC/ G.726  
 Network Ethernet: RJ-45 (10/100Base-T)  
 Protocol: HTTP, HTTPS, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, IPv4/v6, QoS, UPnP, NTP, Bonjour, 802.1x, Multicast, ICMP, IGMP, SNMP  
 Interoperability: ONVIF, PSIA, CGI  
 Streaming Method: Unicast / Multicast  
 Edge Storage: NAS  
 Local PC for instant recording: Micro SD card 128GB  
 Web Viewer: IE, Chrome, Firefox, Safari  
 Management Software: Smart PSS, DSS, Easy4ip  
 Smart Phone: IOS, Android  
 Certifications: CE (EN 60950:2000) UL:UL60950-1 FCC Part 15 Subpart B  
 Audio Interface: Built-in Mic  
 Power Supply: DC12V, PoE (802.3af)(Class 0)  
 Power Consumption: <4.5W  
 Operating Conditions: -22° F ~ +140° F / Less than 95% RH  
 Ingress Protection: IP67 - Weatherproof  
 Vandal Resistance: IK10 - Vandal-proof  
 Casing: Metal  
 Dimensions: 106mm x 50.3mm (4.17" x 1.98")  
 Net Weight: 0.4kg (0.88lb)

**7 YEAR WARRANTY**

**FREE LIFETIME SUPPORT**



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