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WE DELIVER A TOTAL SURVEILLANCE SOLUTION TO ENSURE SAFETY, SECURITY & CONFIDENCE AT WORKPLACE!

HC-IPD5020L-EA622



TECHNICAL



SYSTEM OVERVIEW

The IR Megapixel Dome Camera delivers 5MP Resolution with a Motorized Varifocal lens.

FUNCTIONS

Codec (H.265 & H.264+)

Codec is the optimized implementation of standard video compression (H.265 & H.264) that uses a scene-adaptive encoding strategy, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction to deliver high-quality video without straining the network. Technology reduces bit rate and storage requirements by up to 70% when compared to the standard video compression.

True Day/Night

True Day/Night A day/night mechanical IR cut filter makes this camera ideal for applications with fluctuating lighting conditions, delivering color images during the day and automatically switching to monochrome as the scene darkens

5MP IR Dome IP Camera

FOR INTERNAL APPLICATION

- 5 Megapixel Upto 25/30fps
- H.265, H.264 and MJPEG Video Compression
- Advanced Smart IR Low Light Performance
- Motorized Varifocal lens 6~22mm
- Advance WDR Feature
- True Day Night Feature With ICR
- Advance Motion Detection & Privacy Masking
- Support Audio Input/output
- Alarm Input/output & Edge Storage
- Onvif Compliance & Support 3rd Party NVR/VMS
- 12V DC & Power Over Ethernet (IEEE 802.3af)
- IP 66 & IK10 Environmental Housing



TECHNICAL SPECIFICATIONS

CAMERA

| | |
|-----------------------------|--|
| Model | HC-IPD5020L-EA622 |
| Image Sensor | 1/2.8" 5 MP CMOS Sensor |
| Effective Pixels | 2592(H) x 1944(V) |
| Scanning System | Progressive scanning AGC, Control - Auto |
| IRIS | Auto Iris |
| Minimum Illumination | Color 0.03Lux/F1.2, 0 lux IR ON |
| Lens | Motorized Varifocal lens, 6~22mm |
| Shutter Speed | Auto / Manual: 1/25 ~ 1/10,000, |
| Day & Night | True Day & Night (Removable IR-cut filter) |
| Wide Dynamic Range | WDR ≥ 100 dB or above |
| S/N Ratio | 50dB |

IR ILLUMINATOR

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|----------------------------|-------------------|
| Smart IR | Advanced Smart IR |
| IR Working Distance | 40 meters |

VIDEO

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|--------------------------|--|
| Video Compression | H.265, H.264, MJPEG |
| Profile | Main Profile & High Profile |
| Video Streams | Dual Stream Supported |
| FPS Supported | Mainstream: 2592x1944p@1-25FPS Sub stream: D1, CIF @ 1-25FPS |
| Max Resolution | 2592 x 1944 |
| Video Bit Rate | 100Kbps ~ 12Mbps Multi-rate for Preview and Recording |
| Bitrate Control | Multi Streaming CBR/VBR (Controllable frame rate and Bandwidth) |
| White Balance | Auto/Natural/Manual |
| Gain control | Auto/Natural |
| Image Parameter | Saturation, brightness, sharpness, contrast, sharpness adjustable through client software or web browser |
| Image Setting | Mirror/Flip/LSC/CTB/Anti Fogging |
| Privacy Masking | ON/OFF, 4 zone Configurable |
| Motion Detection | ON/OFF, 4 Zone Polygon |

TECHNICAL SPECIFICATIONS

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|-------------------------------|--|
| Audio Streaming | Two way |
| Audio Compression | G.726/G.711A/G.711U |
| Audio Input/Output | 1 |
| External I/O Terminals | 1 x Alarm In / 1 x Alarm Out |
| Event trigger | Manual, Automatic (motion detection, alarm, schedule, cycle) |
| Event Notification | FTP, E-Mail, SD Card |

NETWORK

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|--------------------------|--|
| Ethernet Standard | 10 / 100 Base-T |
| Protocol | TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, UPNP |
| Security | HTTPS(SSL), IP filtering, 802.1x, Digest Authentication |
| Plug In | ONVIF v2.4 |
| Storage | 1x microSD (card not included) |

GENERAL

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|-------------------------------------|--|
| Material | Aluminum Die-casting, White |
| Housing Environmental Rating | IP66 & IK10 Impact Resistance |
| Power Source Power | DC12V, PoE (IEEE 802.3af) |
| Power Consumption | DC12V Max 8.9W, PoE Max 10.3W |
| Operating Conditions | Humidity 10 ~ 90% RH (non- condensing) [DC12V/PoE] -40°C ~ 55°C |
| Certifications | |

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