# 16MP LightHunter 180° OmniView Network Camera

# IPC8544EA-KM-I1



## Key Features

       

* High quality image with 16MP, 1/1.8’’ CMOS sensor
* 4800\*2688@30fps in the main stream offers 180° panoramic view, and 16:9 ratio can better fit the screen
* Smart IR, up to 50m (164 ft) IR distance
* Built-in fan, allows dissipating heat and eliminating the mist of window
* Ultra 265,H.265, H.264, MJPEG
* 2D/3D DNR (Digital Noise Reduction)
* AC24V, DC24V or PoE(IEEE 802.3at) power supply
* Micro SD, up to 256 GB
* Alarm 2 in and 1 out, Audio 1 in and 1 out
* IP67 ingress protection

## Specifications

|  |  |
| --- | --- |
|  | IPC8544EA-KM-I1 |
| Camera |  |
| Sensor | 1/1.8" progressive scan, 4.0 megapixel, CMOS |
| Min. Illumination | Colour: 0.001lux (F1.6,AGC ON)0lux with IR |
| Day/Night | IR-cut filter with auto switch (ICR) |
| Shutter | Auto/Manual, shutter time: 1 s ~ 1/100000 s |
| WDR | Digital WDR |
| S/N | >56dB |
| Lens |
| Lens | 4×2.8mm lens |
| Iris | F1.6 |
| Field of View (H) | 180° |
| Field of View (V) | 90° |
| Field of View (D) | 221.4° |
| DORI |
| DORI Distance | Lens (mm) | Detect (m) | Observe (m) | Recognize (m) | Identify (m) |
| 2.8 | 63.0(206.7ft) | 25.2(82.7ft) | 12.6(41.3ft) | 6.3(20.7ft) |
| Illuminator |
| IR Range | Up to 50m (164ft) IR range |
| Wavelength | 850nm |
| IR On/Off Control | Auto/Manual |
| Video |
| Video Compression | Ultra 265, H.265, H.264, MJPEG |
| Frame Rate | Main Stream: 4800×2688:Max. 30 fps; Sub Stream: 2688×1520:Max. 30 fps; Third Stream: 1280×720: Max. 30 fps; |
| Video Bit Rate | 128 Kbps~16 Mbps |
| ROI | Up to 8 areas |
| Video stream | Triple streams |
| OSD | Up to 8 OSDs |
| Privacy Mask | Up to 8 areas(8 blacks/8 mosaics) |
| Image |
| White Balance | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2 |
| Digital noise reduction | 2D/3D DNR |
| Smart IR | Support |
| Flip | Normal/Flip Vertical/Flip Horizontal/180° |
| HLC | Support |
| BLC | Support |
| Defog | Digital Defog |
| Events |
| General Function | Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication |
| Audio |
| Audio Compression | G.711U, G.711A |
| Two-way Audio | Supported |
| Suppression | Supported |
| Sampling Rate | 8KHz |
| Storage |
| Edge Storage | Micro SD, up to 256 GB |
| Network Storage | ANR,NAS(NFS) |
| Network |
| Protocols | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API |
| Client | EZStation EZLiveEZView |
| Web Browser | Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below |
| Interface |
| Audio I/O | Audio cable |
| 1 Input: impedance 35kΩ; amplitude 2V [p-p] |
| 1 output: impedance 600Ω; amplitude 2V [p-p] |
| Alarm I/O | 2/1 |
| Network | 10M/100M/1000M Base-TX Ethernet |
| Certification |
| EMC | CE-EMC (EN 55032: 2015+A1:2020,EN 61000-3-3: 2013+A1: 2019,EN IEC 61000-3-2: 2019+A1: 2021,EN 55035: 2017+A11:2020)FCC (FCC CFR 47 part15 B, ANSI C63.4-2014) |
| Safety | CE LVD (EN 62368-1:2014+A11:2017)CB (IEC 62368-1:2014)UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01) |
| Environment | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) |
| Protection | IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) |
| General |
| Power | AC24V±25%/DC24V±25%, PoE(IEEE 802.3at) |
| Power consumption: Max 34W |
| Dimensions (Ø x H) | 258.8mmx211.0mmx115.0mm(10.2”×8.3”×4.5”) |
| Weight | 2.271kg(5.01lb) |
| Working Environment | –40°C ~ +70°C (-40°F ~ 158°F), Humidity: ≤95%RH RH(non-condensing) |
| Storage Environment | –40°C ~ +70°C (-40°F ~ 158°F), Humidity: ≤95%RH RH(non-condensing) |
| surge protection | 6KV |

### Dimensions



### Accessories

TR-WE45-D-IN TR-JB07-D-IN TR-CM06-C-IN TR-UV06-C-IN

Wall Mount Junction Box Pendant mount 2D Bracket Mount

   

TR-UP06-IN TR-UP06-B-IN

Pole Mount Pole Mount

  

|  |  |
| --- | --- |
| Junction Mount | Pole Mount |
| TR-WE45-D-IN + TR-JB07-D-IN | TR-WE45-D-IN + TR-UP06-B-IN |
|  |  |
| Pendent Mount | Horizontal Pole Mount |
| TR-CM06-C-IN | TR-UV06-C-IN+ TR-UP06-IN |
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\*Product specifications and availability are subject to change without notice