

IPC421-E120

2.0MP HD 20x Network Speed Dome Camera

KEDACOM



Features

Excellent Image Quality

- 2.0 Megapixel 1/2.8" Progressive Scan CMOS Sensor
- High definition and smooth picture, 1080p@30fps
- H.264 high profile video codec, save up to 30% bandwidth and storage
- Low illumination, 0.03Lux with color picture
- WDR support / 3D noise reduction

Long Operation Lifespan

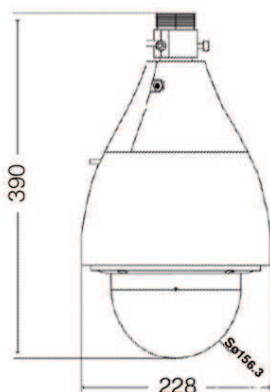
- Industrial components, withstand operation temperature of -40°C ~ 70°C
- IP67, TVS 6000V lightning protection, surge protection and voltage transient protection

Abundant Functions and Features

- SD card slot, support Automatic Network Replenishment (ANR)
- Dual stream (1080p+D1)
- Bi-directional audio / alarm in&out

Dimensions

Units: mm



Specifications

| Model | IPC421-E120 -N1 |
|-------------------------|--|
| Camera | |
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Pixels | 2.0 Megapixel |
| Min. Illumination | Color: 0.03Lux @ (F1.6, AGC ON) B/W: 0.003Lux @ (F1.6, AGC ON) |
| Shutter Speed | 1/10 ~ 1/10,000S |
| Day / Night | Auto (ICR) / Color / B/W |
| Wide Dynamic Range | Digital WDR |
| S/N Ratio | >53dB |
| White Balance | Auto / Manual |
| Gain Control | Auto / Manual |
| Backlight Compensation | Off / BLC / WDR |
| Lens | |
| Focal Length | 4.7 ~ 94mm, 20x |
| Zoom Speed | Approx 3s (Optical) |
| Angle of View | 54.1° ~ 2.2° (Wide~Tele) |
| Min. Object Distance | 300 ~ 1000mm (Wide~Tele) |
| Max. Aperture Ratio | F1.6 (Wide) / F3.5 (Tele) |
| Focus Control | Auto / Manual / Semi-Automatic |
| Pan and Tilt | |
| Pan / Tilt Range | 360° Endless / 0° ~ 90° |
| Pan / Tilt Speed | Pan manual speed: 0.1° ~ 250°/s; Pan preset speed: 450°/s Tilt manual speed: 0.1° ~ 150°/s; Tilt preset speed: 350°/s |
| Proportional Zoom | Pan / Tilt speed can be adjusted automatically according to zoom multiples |
| Preset | 255 |
| Patrol | 8 Patrols scheme, up to 32 presets per patrol |
| Pattern Scan | 4 Scan paths, each path can record 10 minutes of operation path |
| Power-off Memory | Power-off memory / Power-on recovery |
| Auto Guard | Patrol / Preset / Pan scan / Tilt scan / Frame scan / Random scan / Panorama scan / Pattern scan |
| PT Limit | Manual / Scan / Pan |
| 3D Positioning | PTZ control with mouse click and drag |
| Video | |
| Compression Format | H.264 |
| Image Resolution | Main stream: 1080p Secondary stream: D1 |
| Frame Rate | Main stream: 1080p@30fps Secondary stream: D1@30fps |
| Bitrate | 64kbps ~ 8Mbps |
| Bitrate Control | VBR / CBR |
| Dual stream | Support |
| Caption | Date&Time / Alarm / 3 customized groups (Support up to 64 characters) |
| Privacy Masking | Up to 4 zones |
| Motion Detection | Up to 4 zones |
| Video Freeze | Support |
| Digital Noise Reduction | 3D noise reduction |
| Image Flip | Flip / Mirror |
| Audio | |
| Compression Format | G.711a / G.711u / ADPCM / G.722 / AAC-LC |
| Bitrate | 32kbps ~ 64kbps |
| Audio Function | Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute |
| Network | |
| Network Protocol | TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP |
| User Interface | IPC Control |
| Max. User Access | 10 Users (include 2 internal access) |
| Application Program | Onvif, GB/T 28181-2011, API |
| Alarm | |
| Alarm Triggers | Motion detection / Alarm input |
| Alarm Events | Alarm caption / Snapshot / External output |
| Interfaces | |
| Ethernet | 10/100M, RJ45 interface |
| Audio In / Out | 1 x Line in / 1 x Line out |
| Alarm In / Out | 2 x Input / 1 x Output |
| Memory Slot | SD card slot, support 128GB |
| Environmental | |
| Operating Temperature | -40°C ~ 70°C / -40°F ~ 158°F |
| Operating Humidity | 10% ~ 95% |
| Protection Level | IP67, TVS 6000V lightning protection, surge protection and voltage transient protection |
| Electrical | |
| Power | 24V AC / 3A (Power adapter included) |
| Power Consumption | Max. 45W (Heater on) |
| Mechanical | |
| Weight | 6Kg / 13.2lb (Net Weight) |
| Dimensions | Φ228 x 390mm / Φ8.98" x 15.35" |