# PAKEDGE

# 4 MP AUTOFOCUS IP CAMERAS

## Turret • Bullet

## IP cameras

Pakedge 4 MP IP cameras provide exceptional, high-definition video viewable on Control4 touch screens, smartphones, and televisions. With Control4 integration, you can monitor your home at any time, from anywhere in the world. You'll have peace of mind knowing that your family and home are safe and secure with visible security cameras to deter criminal behavior and mischief.

- Superior image quality optimized for Control4 interfaces
- Better image quality at longer distances—mount cameras further from a door, gate, or street without sacrificing image quality
- Advanced motion detection for more accurate notifications
- Available in bullet, turret, and dome versions

Pakedge 4 MP IP cameras double the video resolution of our 2 MP cameras for more detailed images—making it easier to identify objects at longer distances, day or night. Available in varifocal lens versions (bullet and turret) with motorized zoom and autofocus to easily configure a perfectly clear image without the need for manual adjustments. Pakedge IP cameras are compatible with various ONVIF Profile S network NVRs, allowing for review of recorded footage. All Pakedge IP cameras simplify installation and integration with Control4.

## Features

All Pakedge autofocus 4 MP IP cameras

- Full HD 4.0 MP @ 20 fps
- Varifocal lens with autofocus
- 100-foot (30-meter) infrared night vision
- IR cut filter for day/night operations
- 3-axis image adjustment
- PoE
- Electronic PTZ

Turret Camera

- IR reflection prevention for superior night viewing and wall-mount applications
- IP66 rain and dust resistant
- IK07 vandal impact resistant

Outdoor Bullet Camera

- Adjustable sun/rain shield
- IR reflection prevention for superior night viewing and wall-mount applications
- IP66 rain and dust resistant
- Compact design for flexible mounting

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# 4 MP AUTOFOCUS CAMERA SELECTOR

|  | CK-CAM-TU6542Z<br>Turret Camera | CK-CAM-BU8342Z<br>Bullet Camera |
|---|:---:|:---:|
| **Features** | | |
| 3-axis easy adjustment | ✓ | ✓ |
| Eave mount* | ✓ | ✓ |
| Outdoor | ✓ | ✓ |
| Weather resistant (IP66) | ✓ | ✓ |
| Vandal resistant (rating) | | ✓<br>(IK10) |
| IR reflection prevention | ✓ | ✓ |
| Separate lens and IR window for improved image | ✓ | |
| Adjustable sun/rain shield | | ✓ |
| Fits easily in tight mounting environments | | ✓ |

*Must mount in a location not directly exposed to the elements*

# Pakedge IP Cameras

## FEATURES AND SPECIFICATIONS IN COMMON

### Camera

| | |
|---|---|
| Resolution | 4 MP (2688 × 1520) maximum, default 2560 × 1440, 1280 × 720 optimized for Control4 user interfaces |
| CMOS | 8.5 mm (1/3″) |
| Lens focal length | 2.8 mm ~ 8 mm (0.11″ - 0.32″) |
| Frame rate | Up to 20 fps (@4 MP), up to 30 fps (@1080P) |
| Focus | Autofocus varifocal lens |
| FOV | 97.3° (horizontal) × 49.2° (vertical) |
| Range | 100 feet (30 m) |
| Illumination | IR LEDs, 0 lux<br>Minimum without IR (color): 0.15 lux @ F2.0<br>Minimum without IR (monochrome): 0.05 lux @ F2.0 |
| Firmware | Upgrade via web and IP Scan |
| Power | PoE or 12V power supply |
| Operating temperature | -40 to +50°C (-40 to 122°F) |

### Settings

| | |
|---|---|
| Streaming | H.264 and Motion JPEG multi-profile video streaming<br>4 MP True H.264 AVC high-profile video compression |
| Simultaneous users | 10 |
| ePTZ | Yes |
| White balance | Auto, Tungsten, Indoor, Fluorescents1, Fluorescents2, Outdoor1, Outdoor2 |
| Shutter speed | 1/30s to 1/8,000s |
| Adjustable picture | Contrast, brightness, saturation, sharpness, image flip, image mirror, hue, corridor |
| IR cut filter | Color (day), Monochrome (night), Auto, Schedule |
| Video streaming | RTP/HTTP, RTP/TCP, RTP, UDP, multicast. Configurable frame rate and bandwidth. |
| Auto gain control | 36 dB variable gain |
| 3D noise reduction | Off, 1-32 (selectable) |
| 2D WDR | Off, Auto, x2, x3, x4 |
| OSD | Text over date, time, and camera name |
| Sense-Up Plus | Yes |
| ONVIF compatibility | Profile S / Lilin API (CGI) |
| IVS (intelligent video surveillance) | Yes (provides advanced motion detection, tripwire, and object counting) |

### Security

| | |
|---|---|
| User accounts | 10 accounts available, multiple access levels, password protected |
| Encryption | Base64 HTTP encryption |
| Motion detection | Yes |
| Email notification | Yes |
| Privacy masking | Off, On (4 independent zones) |
| Alarm events | Triggers: Motion, lost connection<br>Actions: FTP, SMTP, HTTP post, SAMBA |

### Network

| | |
|---|---|
| Network interface | 10Base-T, 100Base-TX, RJ-45 |
| Protocols | HTTP, SDDP, DHCP, IPv4, IPv6, UDP, SMTP, NTP, DDNS, UPnP, FTP, ARP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF profiles, SNMP, SIP, Bonjour |

### Available accessories

| | |
|---|---|
| Mount | Bullet Camera Mounting Bracket (CK-CAM-BUMB) |

CAMERA DOCUMENTATION

pkdge.co/cameras

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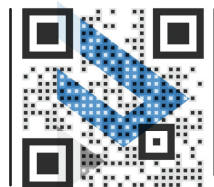
# CK-CAM-TU6542Z Turret Camera

| TURRET CAMERA | DESCRIPTION |
|---|---|
| Mount | Outdoor fixed turret, eave or wall |
| Dimensions | 115 × 91 mm (4.53 × 3.58″) |
| Weight | 435 g (15.3 oz.) |
| Power consumption | 12VDC 7.2W; PoE 8.6W |
| Illumination | IR LEDs, range 30 m (100 feet) |
| Weather resistant | IP66; must mount in a location not directly exposed to the elements |
| Vandal resistant | IK7 (protects against impact of 500 g at 40 cm) |
| IR LED angle | 30°, 50° |
| IR reflection prevention | Yes; separate lens and IR window for improved image |
| SD Card | No |
| FOV | 80.7° (horizontal) × 43.9° (vertical) |

0.79″ (20 mm)

3.58″ (91 mm)

4.53 (115 mm)

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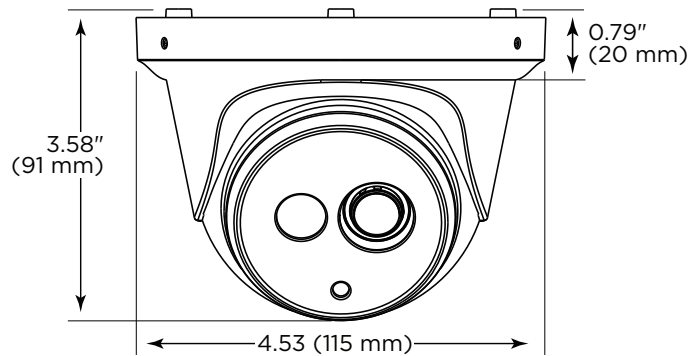
# CK-CAM-BU8342Z Bullet Camera

| BULLET CAMERA | DESCRIPTION |
|---|---|
| Mount | Indoor/outdoor bullet, ceiling/eave/wall |
| Dimensions | 68 × 69 × 214 mm (2.68 × 2.72 × 8.4") |
| Weight | 515 g (18.2 oz.) |
| Power consumption | 12VDC 7.5W; PoE 8.3W |
| Illumination | IR LEDs, range 30 m (100 feet) |
| Glass | Heat resistant |
| Weather resistant | IP66; must mount in a location not directly exposed to the elements<br>Adjustable sun/rain shield |
| Vandal resistant | IK10 (protects against impact of 5 kg at 40 cm) |
| IR LED angle | 60° |
| IR reflection prevention | Yes |
| SD Card | Yes (up to 128 GB) |
| FOV | 84° (horizontal) × 44° (vertical) |