# RC6500-1214

## H.264 Indoor/Outdoor Bullet IR IP Camera

The H.264 based Indoor/Outdoor IP camera, providing high-quality video, contains high performance IR LEDs for low light conditions with embedded RIVA's Video Analytics solution as a standard feature.

- Easy-to-Install Design
- Reliable Operation at High Temperature
- H.264 Full Frame at D1
- 54 IR LEDs, IR Range 40M
- Video Compression: H.264, MPEG-4, MJPEG
- Dual Stream
- Enhanced Deinterlacing on DSP
- Embedded Intelligent Video Analytics
- Burnt-in Text, Video Motion Detection Support
- Two-way Audio
- microSD Memory Support
- IP66 Support
- Built-in Triple Power Supply: PoE, DC12V, AC24V
- Remote Firmware Upgrade over Network
- Comprehensive SDK Support

**Intelligent Video Analytics included**

## Specifications

### Camera Module

| | |
|---|---|
| Image Sensor | 1/3" SONY Super HAD II CCD |
| Effective Pixels | 768 x 494 (NTSC) / 752 x 582 (PAL) |
| Scanning System | 2 : 1 Interlace |
| Horizontal Resolution | 540 TVL |
| S/N Ratio | 52 dB (AGC off) |
| Minimum Illumination | 0.14 Lux (F1.2, 30IRE) |
| Lens | 3.5 ~ 16mm F1.2, DC Auto Iris |
| IR LEDs | 54 IR LEDs |
| IR Range | 40M |
| Day & Night | IR Cut Filter Remove |

### Video

| | |
|---|---|
| Compression Format | H.264, MPEG-4, MJPEG |
| Number of Streams | Dual Stream, Configurable |
| Resolution | D1 / 4CIF / VGA / CIF / QVGA / QCIF |
| Frame Rate | Full-frame@D1 |
| Deinterlacing | Optional (On / Off) |
| Motion Detection | Built-in (DSP) |
| Burnt-in Text | Video stream overlay text (DSP) |
| Analog Output | 1 Loop Out, Terminal Block Connector Inside |

### Audio

| | |
|---|---|
| Input | 1 channel |
| Output | 1 channel |
| Compression Format | G.711 |

### Function

| | |
|---|---|
| Digital Input | 1 |
| Digital Output | 1 |
| Network | 10 / 100 Base-T |
| Protocol | TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/UDP, RTP/TCP, SNTP, mDNS, UPnP, SMTP, SOCK, IGMP, DHCP, FTP, DDNS, SSL v2/v3, IEEE 802.1X, SSH, SNMP v2/v3 |
| SD Memory | Optional, microSD up to 8GB |

### Electrical

| | |
|---|---|
| Power Source | 12V DC, 24V AC |
| Power over Ethernet | Support (IEEE 802.3af) |
| Power Consumption (Approx) | 780 mA @ 12V DC (IR ON) <br> 450 mA @ 12V DC (IR OFF) |

### Environmental

| | |
|---|---|
| Operating Temperature | -10 ℃ ~ 50 ℃ (14 ℉ ~ 122 ℉) |
| Operating Humidity | Up to 85% RH, Non-condensing |

### Mechanical

| | |
|---|---|
| Material | **Aluminum Die Casting** |
| Color | Dark gray |
| Dimension | 88(W) x 87(H) x 195(D) mm |
| Weight (Approx) | 2,050 g |

### Primary Intelligent Video Analytics (Included as Standard)

| | |
|---|---|
| High Performance | Advanced Tracking Algorithm, Low False Alarm Rate |
| Easy to Use | Intuitive Web Browser Interface |
| Detection Zones | Multi-segment Polygons and Lines |
| On-screen Display | Real-time Display of Tracking Data and Events |
| Camera Shake Cancellation | Improve the VCA performance with cameras that are prone to shake |
| Tamper Detection | Detect camera tampering |

### Advanced Intelligent Video Analytics (Option)

| | |
|---|---|
| Detection Behavior | Direction, Stopping, Loitering, Entering, Exiting, Appear, and Disappear Filters, Abandoned/Removed Object Detection, Tailgating Detection |
| 3D Behavior | Perspective Corrected Size and Speed Filters |
| Statistics | Counting Functions and Other Statistics |
| Meta Data | Plain XML Format |

### Image Stabilization (Option)

| | |
|---|---|
| Electronic Stabilization | Removes Camera Sway |

**Dimension   (unit: mm)**