RIVA
VIDEO ANALYTICS IN PERFECTION

H.264 Indoor/Outdoor Bullet IR IP Camera

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

- Easy-to-Install Design
- Reliable Operation at High Temperature
- H.264 Full Frame at D1
- 70 IR LEDs, IR Range 45M
- Video Compression: H.264, MPEG-4, MJPEG
- Dual Stream, Two-way Audio
- Enhanced Deinterlacing on DSP
- Embedded Intelligent Video Analytics
- Burnt-in Text, Video Motion Detection Support
- IP66 Support
- 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	600 TVL
S/N Ratio	52 dB (AGC off)
Minimum Illumination	0.0003Lux[F1.2/50IRE/LED off] Sens-up x512
Lens	3.5 ~ 16mm F1.2, DC Auto Iris
IR LEDs	70 IR LEDs
IR Range	45M
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
Compression FPS	25/30 fps@D1
De-interlacing	Optional (On / Off)
Motion Detection	Built-in (DSP)
Burnt-in Text	Video stream overlay text (DSP)
Analog Output	VBS 1.0Vp-p Composite

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

Electrical

Power Source	12V DC
Power Consumption (Approx)	1400mA

Environmental

Operating Temperature	-40 ℃ ~ 50 ℃
Operating Humidity	Up to 85% RH, Non-condensing
Fan / Heater	Supported

Mechanical

Materia	Aluminum Die Casting
Color	White
Dimension	132.2(W) x 107.6(H) x 238.2(D) mm
Weight (Approx)	2,3kg

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)