H.264 Indoor/Outdoor Dome IR IP Camera

High-quality video Indoor/Outdoor Dome 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
- 30 IR LEDs, IR Range 20M
- 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
- 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	3.3~12 mm F1.2 DC Auto Iris Board Vari-Focal
IR LEDs	30 IR LEDs
IR Range	20M
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	1 Loop Out, Molex 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)	720 mA @ 12V DC (IR ON)

Environmental

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

Mechanical

Material	Polycarbonate
Color	White
Dimension	Housing: 145(ø) x 140(H) mm, Dome: 100(ø) mm
Weight (Approx)	1,500 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)