

RC3100M-5101

H.264 Indoor Dome IP Camera

The H.264 based Dome IP Camera delivers megapixel images with high quality and superior performance.

- H.264, Up to 1600 x 1200 Resolution, 2-way Audio
- Video Compression: H.264, MPEG-4, MJPEG , Dual Stream
- Embedded Intelligent Video Analytics
- Burnt-in Text, Video Motion Detection Support
- Remote Firmware Upgrade over the network
- Comprehensive SDK Support



Intelligent Video Analytics included

Specifications

Camera Module	
Image Sensor	Aptina (Micron) 1/3.2" (4:3) CMOS 2M
Effective Pixels	1600 x 1200 (UXGA, 2M)
Scanning System	Progressive Scan
Dynamic Range	71dB
S/N Ratio	Max 42.3dB
Minimum Illumination	0.5 Lux(50IRE), 0.1 Lux(DSS x5 ON)
Lens	3.3-12 mm F1.6 Fixed Iris
Day & Night	S/W
Video	
Compression Format	H.264, MPEG-4, MJPEG
Number of Streams	Dual Stream, Configurable
Resolution	D1, VGA, QVGA, 4CIF, 2CIF, CIF, QCIF, XGA, HD720, SXGA, UXGA
Compression FPS (FPS can be reduced when Using VCA or Burnt In Annotation.)	H.264 5 fps@UXGA (1600 x 1200) 8 fps@SXGA (1280 x 1024) 12 fps@HD720 (1280 x 720) 15 fps@XGA (1024 x 768), D1 (720 x 480) MPEG-4 15 fps@D1 (720 x 480) MJPEG 15 fps@UXGA (1600 x 1200)
Motion Detection	Built-in (DSP)
Burnt-in Text (Digital)	Video stream overlay text (DSP)
Audio	
Input	1 channel
Output	1 channel
Compression Format	G.711
Function	
Network	10 / 100 Base-T
Protocol	TCP/IP, UDP/IP, HTTP, RTSP, RTP, 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 over Ethernet	Support (IEEE 802.3af)
Power Consumption (Approx)	300 mA @ +12V DC
Environmental	
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Operating Humidity	Up to 85% RH (Non-condensing)
Mechanical	
Material	Polycarbonate

Color	White
Dimension	Housing: 145(Φ) x 113(H) mm, Dome: 100 (ø) mm
Weight (Approx)	506 g
Video Content Analysis (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
Video Content Analysis (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

Dimension

(unit: mm)

