RF1210

2 Megapixel Full HD Box IP Camera

- H.264 & MJPEG triple-video-stream, two way Audio
- Up to 25fs@1080P(1920×1080)
- True Day/Night and Digital WDR
- **ONVIF** support, PoE (IEEE 802.3af)
- Built-in 1/1 channel input/output contact
- Micro SD memory interface

Specifications

CAMERA

Image Sensor	1/2.8" 2Megapixel Exmor CMOS
Effective Pixels	1920x1080
Scanning System	Progressive scanning
Minimum Illumination	Color: 0. 1LUX, F1.2 B/W: 0.01LUX/F1.2
Electronic Shutter Speed	1/4 ~ 1/10000s
Shutter Exposure Modes	Automatic / Manual - with selectable fixed shutter speed or configurable min/max shutter speed range Presetting - Low Noise / Low Motion Blur Flicker-Control – outdoor/50/60Hz
S/N Ratio	Better than 50dB

CAMERA FEATURES

White Balance	Auto / Sunny/ Night / Outdoor / Manual
Gain Control	Auto / Manual (configurable level 0-100)
Day/Night	Auto/Manual (3 predesigned switching levels selectable) - removable IR Cut Filter
Backlight Compensation	BLC On/Off (flexible configurable zone for BLC)
Wide Dynamic Range	Digital WDR (configurable level 0-100)
Image Settings	Configurable brightness, contrast, saturation, sharpness, vertical flip & horizontal mirror function
3D Noise Reduction	Configurable digital noise reduction 1-100
Motion Detection	4 zones with independent configuration of detection sensitivity and alarm trigger threshold
Privacy Masking Zones	4 flexible configurable regions

LENS

Lens Mount	C/CS Mount
DC Auto Iris Terminal	Standard 4 Pin connector

VIDEO

Video	**H.264:** Controllable frame rate and image resolution, video stream bandwidth limitation (VBR/CBR) **MJPEG:** Controllable frame rate and image resolution, bandwidth limitation (CBR)
Resolution	1080P=1920×1080, 720P=1280×720, D1=704×576, CIF=352×288
Frame Rate / Resolution	First Stream: 1080P/720P up to 25fps configurable Second Stream: D1/CIF up to 25fps configurable Third Stream: 720P/D1/CIF up to 25fps) configurable*
Burnt-in Text	Time-Date / Name / Text - flexible display position
Analog Video Output	PAL Signal (1.0Vp-p, 75Ω)

AUDIO

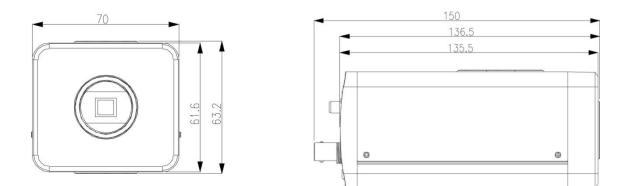|	
Compression Format	G.711a / G.711u
Interface	1/1 line in/out terminal

NETWORK

Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/IPv6, TCP/IP, UDP, HTTP, HTTPS, SSL, UPnP, SNMP, RTSP, RTP, ICMP, IGMP, SMTP, NTP, DHCP, DNS, PPPOE, Bonjour ,DDNS, FTP, QoS, IP Filter
ONVIF	Version 2.4.1 (support Profile S)
Users Connection	Live viewing for up to 20 clients
Security	Multi-level user access with password protection MAC address, IP address or address range filtering function for limit access

GENERAL

Memory Interface	1x Micro SD/SDHC slot, max 64GB support (Recommend Class 6 and higher for HD recording)
Serial Interface	1 RS485
I/O Terminal	1x input contact / 1x output contact
Event Sources	Motion detection, Video tamper, DI contact
Event Actions	- Notification service via email message with snapshot, - DO-contact - Video clip / snapshot upload on external FTP server / NAS - Local SD memory card recording
Approvals	FCC, CE, RoHs

ELECTRICAL

Power Source	DC12V/AC24V, PoE(802.3af)
Power Consumption	Max 4W
Operation Temperature	-10°C ~ +60°C,
Operating Humidity	≤90%, non-condensing

MECHANICAL

Dimensions	70mm (W) × 63.5mm (H) × 150mm (D)
Weight	650g
Material	Aluminum Die Casting

* Depending of frame rate and image resolution configuration for first /second video stream the max fps of third stream can diversity between 10-25fps in highest resolution.

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Dimension

(Unit: mm)