ICIP-B580
D1 Resolution Indoor/Outdoor, Full-Size Bullet IR IP Camera

IC REALTIME

- 30fps at D1/HD1/CIF/VGA resolution
- 1/3" SONY Super HAD CCD image sensor
- Supports 32GB Micro SD card
- 1ch audio in 1ch audio out
- 2ch alarm in 1ch alarm out
- 32GB Micro SD
- IR LEDs (60~100 ft)
- IP66, POE (IEEE802.3af)

System Overview

D1 Quality CCD Box/Bullet Style Camera works seamlessly with IC Realtime NVRs, Hybrid DVRs and Management Software.

Functions

H264
Like all IC Realtime series products, this device utilizes H.264E (Enhanced H.264) compression technology, enabling crisp image viewing with the least bandwidth consumption possible. This unit adopts an embedded system design, as well as a Linux Operating System, resulting in high levels of stability, performance, and most importantly: reliability. In addition, this unit is fully operational from remote locations (Search, Playback, Backup, Configuration) over standard Ethernet networks.

Environmental
With a temperature range of -25 °C to +60 °C (-14 °F to +140 °F), the camera is designed for extreme temperature environments. Subjected and certified to rigorous dust and water immersion tests, the IP66 rating makes it suitable for demanding outdoor applications.

True Day/Night
A day/night mechanical IR cut filter makes this camera ideal for applications with fluctuating lighting conditions, delivering color images during the day and automatically switching to monochrome as the scene darkens.

IC REALTIME

Technical Specification

Camera

Image Sensor	1/3" SONY Super HAD CCD
Effective Pixels	811(H)x508(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/60~1/10000s
Minimum Illumination	0LUX/F1.2(IR on), 0.1LUX/F1.2
S/N Ratio	More than 50dB
IR Distance	60ft
IR On/Off Control	Auto / Manual
IR LEDs	60~100 ft

Lens

Lens Type	Motorized/ Auto Iris(DC)
Mount Type	M12-mount, 6mm/F1.2, FOV: 42°
Focal Length	3~9mm motorized
Max. Aperture	F1.4
Angle of View	H: 86.5°~28.6°
Optical Zoom	4x
Focus Control	Auto

Pan/Tilt/Rotation

Pan/Tilt/Rotation Range	Pan:0˚~360˚; Tilt:0˚~90˚; Rotation:0˚~360˚

Intelligence

IVS	Tripwire, Intrusion, Scene change, Missing/Abandoned, Audio detect
Advanced Intelligent Functions	Face Detection

Video

Compression	H.264E
Streaming Capability	3 Streams
Resolution	D1 (704 x 480) / HD1 (352 x 480) / CIF (352 x 240) / QCIF (176 x 128) / VGA (640 x 480) / QVGA (320 x 240) / QQVGA (160 x 120)
Frame Rate	Main Stream: D1 / HD1 / CIF / QCIF / VGA / QVGA / QQVGA (1~30fps)
	Extra Stream: D1 / HD1 / CIF / QCIF / VGA / QVGA / QQVGA (1~30fps)
Bit Rate Control	CBR/VBR
Bit Rate	32K~4Mbps
Day/Night	Yes
BLC Mode	BLC / HLC / DWDR
White Balance	Auto / Manual
Gain Control	Auto / Manual
Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)

Electronic Image Stabilization (EIS)	N/A
Smart IR	N/A
Defog	N/A
Digital Zoom	16x
Flip	0° / 90° / 180° / 270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

Audio

Compression	PCM/ G.711a / AMR

Network

Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour
Interoperability	ONVIF Profile, API
Streaming Method	Unicast / Multicast
Max. User Access	10 Users
Edge Storage	MicroSD, Max 32GB, local storage
Web Viewer	Built-in web server
Management Software	Smart ICRSS, DSS
Smart Phone	IOS, Android

Interface

Video Interface	1 Channel
Audio Interface	1 Input, 1 Output
RS485	N/A
Alarm	2 Input / 1 Output

Electrical

Power Supply	DC12V, PoE (802.3af)
Power Consumption	5W

Environmental

Operating Conditions	-14°F~140°F / -25°C~+60°C, 10%~90%
Storage Conditions	-14°F~140°F / -25°C~+60°C, 10%~90%
Ingress Protection	IP66

Construction

Casing	Metal
Dimensions	3.16" x 4.78" - 80.2mm x 121.5mm
Gross Weight	1lb/500g

Dimensions (mm/in)