



EW-IP20120Z

IMAGE SENSOR

Image Sensor Type	CMOS
Image Sensor Size	1 inch
Camera Image Sensing capacity (Picture Mode)	2MP
Resolution	4K HD (3840 X 2160 Pixel),D1 (704 x 480 Pixel),Full HD (1920 x 1080 Pixel),HD (1280 x 720 Pixel)
Day/Night Capable	Yes
IR illumination Range(mtr)	120

CAMERA TYPE

Type of Camera Housing	DOME CAMERA
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IP Camera	Yes
PTZ Camera	Yes

OPTICS

Lens Type	Motorized Varifocal
Focal Length(mm)	4.3 - 129
Iris Control	DC- iris
Focus Mode	Auto,Manual

VIDEO

Frame Rate (fps)	25,30,50,60
Video Compression	H.264,H.265,H.265+,MJPEG
Video Streaming	Dual compressed stream

PAN / TILT / ZOOM

Panning Range	0-360
Pan Speed (deg/sec)	240
Tilt Range below horizontal (deg)	0-90
Tilt Range above horizontal (deg)	0 to 15 degree
Tilt Speed (deg/sec)	120
Optical Zoom	30X
Digital Zoom	16X

AUDIO

Audio Support	Yes
Audio Compression	NA
Audio Streaming	NA
Number of Audio Input Channel	NA
Number of Audio Output Channel	NA
External Microphone Support	No

ALARM

Alarm Support	Yes
Number of Alarm Digital Input	NA
Number of Alarm Relay Output	NA
Pre/Post Alarm Buffer	No

SECURITY

Multi Level User ID/Password	Yes
IP Address Filtering	Yes
Encrypted Data Transmission	HTTPS (SSL/TSL)

PERFORMANCE

Minimum Illumination for Capturing Color Image	0.001 lux
Electronic Shutter Speed(sec)	1 to 1/30,000



WDR (Wide Dynamic Range)	120 dB
SNR (Signal to Noise Ratio)	50-60
Auto Exposure	Auto Level Control,Electronic Level Control

FEATURES

White Balance (Indoor/Out door/Manual Selectable)	Yes
Auto Gain Control (On/Off selectable)	Yes
Back Light Compensation	Yes
Remote Administration (Remote configuration and status using web based tool)	Yes
Remote System Update Over Network	Yes
PC Client (PC application client with a channel recording feature support)	Yes
Web Client (Viewer through HTTP system configuration)	Yes
On Screen Display in English	Yes
ONVIF Support	Yes
Presets	300
Group Touring	4
Privacy Zones	4

NETWORK AND INTERFACE

Supported Protocols	IPv4,IPv6,HTTP,HTTPS,802.1X,QoS,FTP,SMTP,UPnP,SNMP,DNS,DDNS,NTP,RTSP,RTCP,RTP,TCP/IP,UDP,IGMP,ICMP,DHCP,RSTP
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IP Support	Static,Dynamic
Signal Processing	Digital Signal Process
IPv6 ready	Yes
Wireless	No
Simultaneous Connections	10

STORAGE

On Board SD Card Support	No
SD Card Memory(GB)	NA

HOUSING

Installation Type	Indoor,Outdoor
Material of the Housing construction	Alluminium
Protection	IP 66
Vandal Resistant Housing	Yes
If Yes, IK rating	IK 10
Mounting bracket	Pole Mounted
Weight	3.5 kilogram
Dimensions (mm x mm x mm)	-

POWER SUPPLY

Power Input	PoE,24 VAC
Power Consumption	30 Watt
Suitable Adapter Shall be Supplied to Make the Equipment Work on 230 V (+/- 10 %), 50 Hz	Yes

OPERATING CONDITIONS

Operating Temperature Range	-30 to +50 deg C
Relative Humidity Non Condensing (%)	95

WARRANTY / SERVICES

Warranty	2 year
Time for Replacement of Defective Product During Warranty Period	72 hour
Supply of Compatible drivers and software included	Yes

ENVIRONMENTAL / CERTIFICATION

Availability of facility & infrastructure for verification of all parameters, features, and capability with Seller	Yes
Availability of facility to test signal to noise ratio of camera at 0-01 lux	Yes
Conformity to Dry Heat test at 55 degree C for 16 hours as per IS :9000 latest	Yes
Conformity to Damp heat at 40 degree C - 95%	Yes



RH (cyclic test): two cycles of 16+8 hours as per IS: 9000 latest	
Conformity to Cold test at -10 / -20 degree C for 4 hours as per IS: 9000 latest, as applicable	Yes
BIS Registration for safety general requirements as per IS 13252 (Part 1):latest	Yes
Availability of Type Test Report from Central Govt /NABL/ILAC accredited lab to prove conformity to specification	No
Test Report Number and Date	-
Name and Address of Test Lab	-
Certification	FCC,CE,RoHS

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