



Clebo MF21M4TIRFM

2.0M HD IP DROP CEILING CAMERA

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Real-time High Definition Dome Camera

Triple codec, Simultaneous Multi Streaming

Local SD Card Backup

POE (Power over Ethernet)

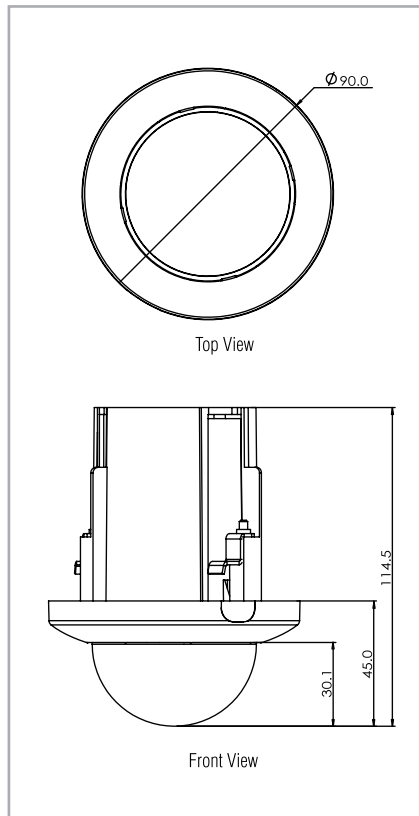
Bidirectional Audio



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Demension



Specification

Clebo MF21M4TIRFM	
VIDEO	
Image Sensor	1/2.8 Sony 'Exmor' CMOS
Total Pixels	2000(H)X1241(V)
Effective Pixels	1920(H)X1080(V)
Resolution	1080p (2.1 Megapixels)
Scanning System	Progressive
Minimum Illumination @ 30IRE	Color: 2.4 Lux @ F1.6B/W: 0.5 Lux @ F1.60 Lux w/IR LED ON"
Minimum Illumination @ 50IRE	Color: 4.0 Lux @ F1.6B/W: 0.8 Lux @ F1.60 Lux w/IR LED ON"
IR LED & Range	15 IR LED up to 30ft"Smart IR On / Off"
LED Saturation	OK
S/N Ratio	More than 50 dB
Video Output	N/A
LENS	
Focal Length	4 mm fixed
Max. Aperture Ratio	F2.0 fixed
Zoom	12x Digital
Focus Control	Manual
Lens Type	Manual Fixed
Mount Type	M12
Angle of View	H: 86°
Adjustment Range	Pan:0°~355°, Tilt: 0°~90°, Rotate: 0°~350°
Pan / Tilt Speed	N/A
Preset	N/A
Pattern	N/A
Group	N/A
Scan	N/A
Camera Features	
Wide Dynamic Range	True WDR
Dynamic Range dBs	100dB
Day / Night	True Day/Night (ICR), Day, Night, Manual, External"
Backlight Compensation	Off / BLC / HLC / WDR
Digital Noise Reduction	Low/Middle/High
Digital Slow Shutter	Off / 2x ~ 8x
White Balance	Auto, Auto-Ext. Indoor, Outdoor, Manual, One-Push "set-up" Mode
Auto White Balance Range	2,000 ~ 11,000K
Shutter Speed	1/30~1/60,000 sec.
Auto Gain Control	0dB ~ 41dB
Privacy Masking	16 Zones
Mirror / Flip	On / OFF
Defog	On / OFF
Network	
Video Compression Type	H.264 Profiles: High, main, Base MJPEGMpeg4: Simple profile
Streaming Capability	2 Profiles
Streaming Mode	Unicast / Multicast
Max. User Access	up to 10 users at Unicast Mode
Video Quality Adjustment	H.264: Quality, CBR(Bitrate Mode/Target Bitrate)MJPEG: Image Treaster
Audio Streaming	Two-Way, Full Duplex
Audio Compression	G711 PCM, µ-law 64kbps 8kHz
Audio In / Out	Mic / Lin In, Line Out
Audio Control	Input Gain, Output Volume
Alarm In / Out	Digital 1 / 1
Alarm Triggers	Off, Always, Activation Schedule
Alarm Action	Notification via Email or Onvif or RTP metadata
Local Storage	Support "Network Loss Emergency Recording" and "Remote Backup"per schedule
(Micro SD / MicroSDHC up to 32GB class10)	(Continuous, Motion, sensor), Pre/ motion post/ Sensor post alarm recording(5sec.)
Supported Protocols	IPv4/IPv6, TCP/IP, RTP Multicast, HTTP, DHCP, PPPoE, ICMP, ARP, RARP, RTSP, NTP, SNMP, SMTP, FTP, UPnP, DNS, DDNS
Secutiry	HTTP Login Authentication (unique or public certificate), IP Address Filtering
ONVIF Conformance	Profile S
Web Viewer	Supported OS: Wndows XP, Vista, 7, MAC OSSupported Browser: Internet Explorer 7.0 or higher, Chrome, Firefox, Safari
Mobile Viewer	TBD
CMS/VMS	TBD
General	
Input Voltage	12vDC / PoE (802.3af class 0 Max. 12.94W)
Power Consumption (W)	4W(IR Off), 5W(IR on)
Operating Temperature	-10°C ~ 50°C (14° ~ 122° F)
Active/Passive Cooling	Active
Rated Amperage	340mA(IR Off) / 410mA(IR on)
IP Rating	N/A (indoor only)
Dimensions	H: 114.5mm W: 90mm
Weight	500g
Approvals	FCC, CE, ROHS

*Specification & Design are subject to change without prior notice

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