



# Clebo MF21M4TIR

## 2M HD IP WDR/TDN Outdoor Flat Dome Camera

2.0M IP MINI DOME CAMERA

Real-time High Definition Camera

Triple codec, Simultaneous Multi Streaming

Power over Ethernet

Vandal Proof Design

Local SD Card Backup

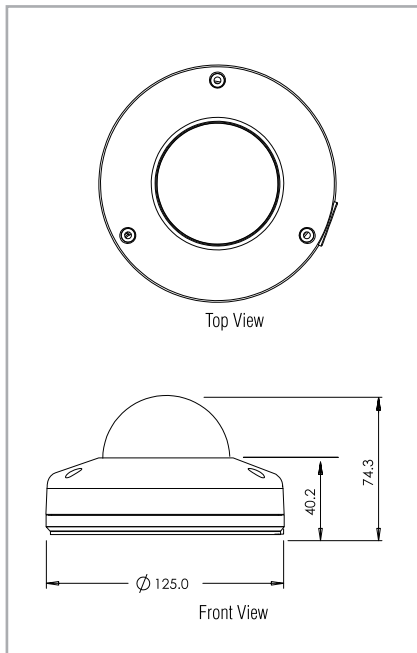
Day & Night by ICR



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# Clebo MF21M4TIR

## Demension



## Specification

| Clebo MF21M4TIR                             |   |
|---|---|
| <b>VIDEO</b>                                |   |
| 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 @ F2.0, 30 IREB/W : 0.5 Lux @ F2.0, 30 IRE  |
| Minimum Illumination @ 50IRE                | Color : 4.0 Lux @ F1.6, 50 IREB/W : 0.8 Lux @ F1.6, 50 IRE  |
| IR LED & Range                              | 12 IR LED up to 30ft "Smart IR On / Off"  |
| LED Saturation                              | OK  |
| S/N Ratio                                   | More than 50 dB   |
| Video Output                                | N/A   |
| <b>LENS</b>                                 |   |
| Focal Length                                | 4 mm  |
| 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   |
| <b>Camera Features</b>                      |   |
| Wide Dynamic Range                          | True WDR  |
| Dynamic Range dBs                           | 100dB   |
| Day / Night                                 | True Day/Night (ICR), Color, B/W, 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  |
| <b>Network</b>                              |   |
| Video Compression Type                      | H.264 Profiles: High, main, Base MJPEG/Mpeg4: Simple profile  |
| Streaming Capability                        | 2 Profiles  |
| Streaming Mode                              | Unicast / Multicast   |
| Max. User Access                            | up to 6 users at Unicast Mode   |
| Video Quality Adjustment                    | H.264: Quality, CBR(Bitrate Mode/Target Bitrate)/MJPEG: Image Treaster  |
| Audio Streaming                             | N/A   |
| Audio Compression                           | N/A   |
| Audio In / Out                              | N/A   |
| Audio Control                               | Input Gain, Output Volume   |
| Alarm In / Out                              | N/A   |
| 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(Continuous, Motion )Pre/ motion post/ post alarm recording(5sec.) |
| ( Micro SD / MicroSDHC up to 32GB class10 ) |   |
| Supported Protocols                         | IPv4/IPv6, TCP/IP, RTP Multicast, HTTP, DHCP, PPPoE, ICMP, ARP, RARP, RTSP, NTP, SNMP, SMTP, FTP, UPnP, DNS, DDNS                             |
| Security                                    | HTTP Login Authentication (unique or public certificate), IP Address Filtering  |
| ONVIF Conformance                           | Profile S   |
| Web Viewer                                  | Supported OS: Windows XP, Vista, 7, MAC OS Supported Browser: Internet Explorer 7.0 or higher, Chrome, Firefox, Safari                        |
| Mobile Viewer                               | TBD   |
| CMS/VMS                                     | TBD   |
| <b>General</b>                              |   |
| Input Voltage                               | 12VDC / PoE (802.3af class 0 Max. 12.94W)   |
| Power Consumption (W)                       | 3.6W(IR Off) / 4.3W (IR on)   |
| Operating Temperature                       | -10°C ~ 50°C (14° ~ 122° F)   |
| Active/Passive Cooling                      | Passive   |
| Rated Amperage                              | 300mA (IR Off)/ 360mA(IR on)  |
| IP Rating                                   | IP66  |
| Dimensions                                  | H: 74.3mm W: 125mm  |
| Weight                                      | 450 g   |
| Approvals                                   | FCC, CE, ROHS   |

\*Specification & Design are subject to change without prior notice

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