



MATRIX FROM META

Industry-Specific Camera

\*Actual product may vary from images shown.

## ■ Dual-Lens Thermal & Full-Color Camera



MFM-TD20

Thermal D1+ 2MP Full-Color

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### Feature

- Automatic Gain Control (AGC).
- Backlight Compensation.
- Automatic White Balance.
- Wide Dynamic Range (WDR) function with 120dB at 30 FPS.
- Night noise suppression function.
- Nighttime shooting with automatic aperture adjustment.
- Stable image quality during low-light shooting at night under stable external light conditions, ensuring no flicker or color rolling, and clear nighttime images.

### Specifications

|                       |  |                      |  |
|-----------------------|--|----------------------|--|
| Chip                  | • Uses a CMOS 1/3" Image Sensor.   |                      |  |
| MAX Resolutions       | • 2MP (1920×1080 pixels)<br>• D1 (640x480 pixels)  | Maximum Frame Rate   | • 30 FPS @1920×1080<br>• 30 FPS @640x480               |
| Focal Length          | • 2MP lens : 2.8-12mm±5%<br>• D1 lens : Fixed  | Minimum Illumination | • Color : Below 0.06 Lux.<br>• Black : Below 0.02 Lux. |
| Interface             | • RJ-45 cable connector for Network 10/100 Base-T.   |                      |  |
| Network Protocols     | • HTTPS, SNMP v3, 802.1X, IPv4/IPv6, HTTP, TCP/IP, UDP, RTP, RTSP, NTP (or SNTP), DHCP, ICMP, IGMP, and DNS. |                      |  |
| Casing                | • Made of aluminum alloy metal.<br>• Waterproof rating IP-66 , IP67.   | Shutter Time         | 1/60 sec to 1/8,000 sec.                               |
| Operating Temperature | -10°C to 70°C.   | Humidity             | 10% to 90%.  |

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Thermal D1+ 2MP Full-Color

Photo



Video



### Specifications

|                       |  |
|-----------------------|--|
| Information Security  | <ul style="list-style-type: none"> <li>• Login with username and password required for connection.</li> <li>• Warning displayed when account password strength is too low.</li> <li>• Ability to set up IP address connection permissions or restrictions to the camera.</li> </ul>  |
| Software              | <ul style="list-style-type: none"> <li>• Provides application programming interfaces (SDK or API).</li> <li>• Firmware update functionality available, enabling remote firmware updates via TCP/IP network.</li> </ul>   |
| Video Streaming       | <ul style="list-style-type: none"> <li>• Supports H.264 and M-JPEG compression formats.</li> <li>• Each camera can output at least two types of video streams simultaneously, H.264 and M-JPEG.</li> <li>• Each video stream can be individually set to different image resolutions: <ul style="list-style-type: none"> <li>• 2MP (640×480, 1280×720, 1920×1080 pixels).</li> <li>• D1(640×480 pixels) with frames per second options.</li> </ul> </li> <li>• Each video stream can support at least five client connections.</li> <li>• Image bandwidth ≤3Mbps. When set to H.264 1080P 15FPS, there is no image delay or object blurring phenomenon under environmental traffic conditions.</li> </ul> |
| ONVIF                 | <ul style="list-style-type: none"> <li>• ONVIF Profile S</li> </ul>  |
| Safety Certifications | <ul style="list-style-type: none"> <li>• CE, FCC Class A, Standard CNS16120.</li> </ul>  |