

MD2

Model : MD2

Description

Picture

8MP H.265 Low Lux HDR AI IP Dome



Intelligent

| | | |
|-------------------------|--------------------------|--|
| Artificial Intelligence | Native Support | Face Recognition |
| | Future Release(Optional) | Age & Gender Detection, Human Detection, Pose Estimation |

Platform

| | |
|------------------|-------------------|
| Processor | Qualcomm QCS605 |
| Memory | 4GB RAM/16GB eMMC |
| Operation System | Android |

Camera

| | |
|----------------------|--|
| Image Sensor | 1/1.8" progressive scan low lux CMOS |
| Picture Element | 3840 (H) x 2160 (V) |
| Minimum Illumination | 0.025 Lux @F1.47 (Color), 0.02 Lux @F1.47 (B/W), 0 Lux (IR ON) |
| HDR | 120 db |

Lens

| | |
|---------------------------|------------------------------------|
| Day/Night | Yes (with removable IR-cut filter) |
| Lens Type | Motorized |
| Focal Length | 4.46-11mm |
| Maximum Aperture | F/1.47 |
| Horizontal FOV | 110° ~ 40° |
| Image Format | 1/1.8" |
| Max. IR Distance (Radius) | 15m (49.21ft) |

Operation

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|-------------------|-----------------------|
| Video Compression | H.265, H.264, MJPEG |
| Frame Rate | 30 fps at 3840 x 2160 |
| Audio Compression | G.711 |

Network

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|-----------|---|
| Interface | 10/100 Ethernet |
| Protocol | AMQP, DHCP, DDNS, HTTP, HTTPS, NTP, ONVIF, RTSP, SMTP, TCP, UDP |

Mechanical

| | | |
|---------------|-------------|---|
| | Ethernet | RJ-45 |
| | Audio | Line in/Line out |
| | Digital I/O | 1 Input (Dry Contact), 2 Digital Output (Wet Contact) |
| | MicroSD | Micro SD card slot,Pre-built SD: 16GB |
| LED Indicator | | 2 LEDs: Power, Status |

General

| | | |
|-------------------------|-----------|---|
| Environment Temperature | Start-up | -20 °C ~ 50 °C (-4 °F ~ 122 °F) |
| | Operation | (IR off) -30 °C ~ 50 °C (-22 °F ~ 122 °F) (IR on) -30 °C ~ 45 °C (-22 °F ~ 113 °F) |
| Humidity | | 10% to 90% (no condensation) |
| Power Source | | 12V DC / POE+ (IEEE 802.3at) |
| Dimension | | ø125 x 107.6 mm (4.9 x 4.24 in) |
| Weight | | 560g (1.23lb) |
| Regulatory | | CE, FCC, RoHS compliant, VCCI compliant |