# SC-2055FWD-I0-F28

## Key Features

- High quality image with 5MP, 1/2.7" CMOS sensor
- 5MP(2880 x 1620)@25/30fps, 4MP(2560 x 1440)@25/30fps, 3MP(2304 x 1296)@25/30fps, 2MP(1920 x 1080)@25/30fps
- Ultra 265, H.265, H.264, MJPEG
- Smart Intrusion prevention, include cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds & light etc., accurately focus on human & motor vehicle & non-motor vehicle
- Intelligent people flow counting & crowd density monitoring
- LightHunter technology enables clear image in strong light scene
- Supports 9:16 corridor mode
- Built-in Mic
- Smart IR, up to 40m (131ft) IR Distance
- Supports 256G Micro SD card
- IP67 protection
- Support PoE power supply

# Specifications

| Camera | SC-2055FWD-I0-F28 | | | | |
|---|---|---|---|---|---|
| Image Sensor | 1/2.7", 5.0 Megapixel, progressive scan, CMOS | | | | |
| Min. Illumination | Color: 0.002 Lux (F1.6, AGC On)<br>0 Lux with IR On | | | | |
| Day/Night | IR-cut filter with auto switch (ICR) | | | | |
| Shutter | Auto, manual, 1 ~ 1/100000s | | | | |
| Adjustment Angle | Pan: 0° ~ 360°<br>Tilt: 0° ~ 90°<br>Rotate: 0° ~ 360° | | | | |
| WDR | 120dB | | | | |
| S/N | >56dB | | | | |
| **Lens** | | | | | |
| Lens | 2.8mm@F1.6 | | | | |
| Iris | Fixed | | | | |
| Angle of View (H) | 96.1° | | | | |
| Angle of View (V) | 55.3° | | | | |
| Angle of View (D) | 111.1° | | | | |
| **DORI** | | | | | |
| DORI Distance | Lens (mm) | Detect (m) | Observe (m) | Recognize (m) | Identify (m) |
| | 2.8 | 63.0 | 25.2 | 12.6 | 6.3 |
| | 4.0 | 90.0 | 36.0 | 18.0 | 9.0 |
| **Illuminator** | | | | | |
| IR Range | Up to 40m (131ft) IR Range | | | | |
| Wavelength | 850nm | | | | |
| IR On/Off Control | Auto, Manual | | | | |
| **Video** | | | | | |
| Video Compression | Ultra 265, H.265, H.264, MJPEG | | | | |
| H.264 Code Profile | Baseline profile, Main profile & High profile | | | | |

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|---|---|
| Frame Rate | Main Stream:<br>5MP (2880 x 1620) max. 30fps, 4MP (2560 x 1440) max. 30fps, 3MP (2304 x 1296) max. 30fps, 1080p (1920 x 1080) max. 30fps<br>Sub Stream:<br>720p (1280 x 720) max. 30fps, D1 (720 x 576) max. 30fps, 640 x 360 max. 30fps<br>Third Stream:<br>D1 (720 x 576) max. 30fps, 640 x 360 max. 30fps, 2CIF (704 x 288) max. 30fps CIF (352 x 288) max. 30fps |
| Video Bit Rate | 128 Kbps ~ 16 Mbps |
| U-Code | Support |
| OSD | Up to 8 OSDs |
| Privacy Mask | Up to 4 areas |
| ROI | Up to 8 areas |
| Video Stream | Triple Streams |
| **Image** | |
| White Balance | Auto, outdoor, fine tune, sodium lamp, locked & auto2 |
| Digital Noise Reduction | 2D/3D DNR |
| Smart IR | Support |
| Flip | Normal, Vertical, Horizontal, 180°, 90° Clockwise, 90° Anti-Clockwise |
| Dewarping | N/A |
| HLC | Support |
| BLC | Support |
| Defog | Digital Defog |
| **Intelligent** | |
| Smart Intrusion Prevention | Support false alarm filtering: Cross line detection, intrusion detection, enter area detection & leave area detection |
| Statistical Analysis | People counting, support people flow counting & crowd density monitoring |
| **Events** | |
| Basic Detection | Motion detection, ultra motion detection, tampering alarm & audio detection |
| General Function | Watermark, IP address filtering, access policy, ARP protection, RTSP authentication & user authentication |

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| **Audio** | |
| Audio Compression | G.711U, G.711A |
| Audio Bitrate | 64 Kbps |
| Two-Way Audio | N/A |
| Suppression | Support |
| Sampling Rate | 8 kHz |
| **Storage** | |
| Edge Storage | Micro SD, up to 256GB |
| Network Storage | ANR, NAS (NFS) |
| **Network** | |
| Protocols | IPv4, IPv6,IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS, SSH |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API, SDK |
| User/Host | Up to 32 users. 2 user levels: administrator & common user |
| Security | Password protection, strong password, HTTPS encryption, export operation logs, basic & digest authentication for RTSP, digest authentication for HTTP, TLS 1.2, WSSE & digest authentication for ONVIF |
| Client | EZStation<br>EZView<br>EZLive |
| Web Browser | Plug-in required live view: IE 10 & above, Chrome 45 & above, Firefox 52 & above, Edge 79 & above<br>Plug-in free live view: Chrome 57.0 & above, Firefox 58.0 & above, Edge 16 & above |
| **Interface** | |
| Audio I/O | N/A |
| Alarm I/O | N/A |
| RS485 | N/A |
| Built-in Mic | Support |
| Built-in Speaker | N/A |
| Wi-Fi | N/A |
| Network | 1 *RJ45 10M/100M Base-TX Ethernet |

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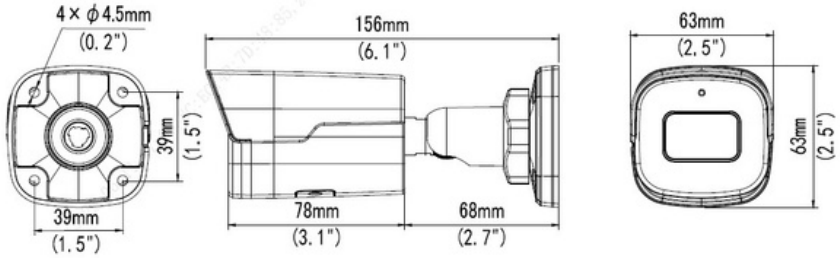
|---|---|
| Video Output | N/A |
| **Certifications** | |
| EMC | CE-EMC (EN 55032: 2015+A1:2020,EN 61000-3-3: 2013+A1: 2019,EN IEC 61000-3-2: 2019+A1: 2021,EN 55035: 2017+A11:2020)<br>FCC (FCC CFR 47 part15 B, ANSI C63.4-2014) |
| Safety | CE LVD (EN 62368-1:2014+A11:2017)<br>CB (IEC 62368-1:2014)<br>UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01) |
| Environment | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) |
| Protection | IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) |
| **General** | |
| Power | DC 12V±25%, PoE (IEEE 802.3af)<br>Power consumption: Max 5.0W |
| Power Interface | Ø 5.5mm coaxial power plug |
| Dimensions | 156 × 63× 63mm (6.1" × 2.5" × 2.5") (L x W x H) |
| Weight | 0.425kg (0.93lb) |
| Material | Metal |
| Working Environment | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing) |
| Storage Environment | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing) |
| Surge Protection | 4KV |
| Reset Button | Support |

## Dimensions




## Accessories

TR-JB05-A-IN
Junction Box

TR-UP06-C-IN
Pole Mount

TR-A01-IN
Waterproof Joint