

2MP Low Light IP External Micro Dome Camera

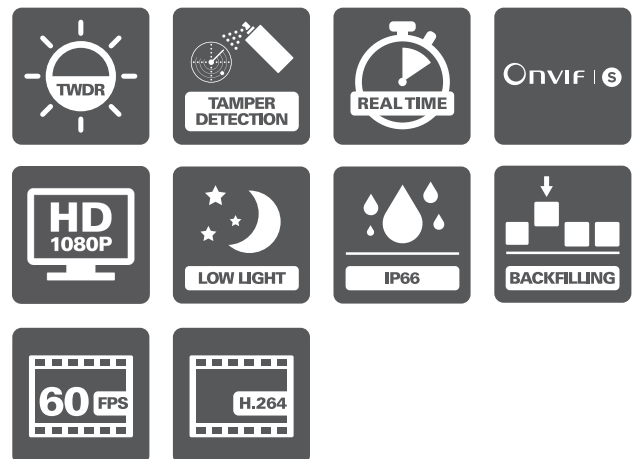
SY-FDEF3.6-G-LLX / SY-FDEF3.6-W-LLX

2MP Low Light IP External Micro Dome Camera, with E-mark type approval, is ideal for use in mobile applications and small locations.

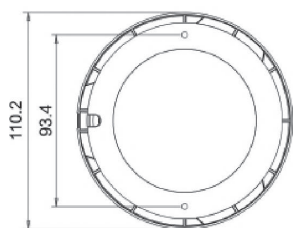


The Synectics HD IP Micro Dome is equipped with a full HD progressive scan CMOS sensor supplied in an IP66 rated enclosure providing outstanding video resolution at up to 2 megapixels.

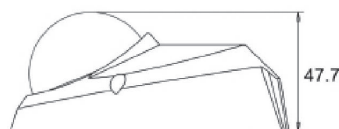
E-mark type approved for use in motor vehicles, including buses, the Micro Dome is ideal for mobile applications and small locations.



Top View



Side View



Unit: [mm]

Specifications

| CAMERA | | SYFDEF3.6-LLX |
|---|---|---------------|
| Image Sensor | 2MP Sony 1/2.8" Progressive CMOS | |
| Effective Pixels | 1920 (H) x 1080 (V) | |
| Resolution | Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QCIF @50/60fps or 25/30fps (True WDR) | |
| Min Illumination Color | 0.01 lux | |
| Min Illumination B&W | 0.0005 lux | |
| Shutter Speed | 1 ~ 1/10000 Second | |
| LENS | | |
| Lens Mount | N/A | |
| Lens | Fixed Lens 3.6mm | |
| FOV | 80° (H) 44° (V) | |
| F Number | F1.8 | |
| P Iris | N/A | |
| Focus Mode | N/A | |
| Digital Zoom | 16x | |
| PTZ OPTIONS | | |
| Pan Travel | N/A | |
| Tilt Travel | N/A | |
| Manual Speed | N/A | |
| Presets | N/A | |
| Preset Accuracy | N/A | |
| Preset Speed | N/A | |
| Sequence | N/A | |
| Auto Pan | N/A | |
| Cruise | N/A | |
| Proportional Pan /Tilt | N/A | |
| Home Function | N/A | |
| Auto Flip | N/A | |
| Image Rotation | Flip/ Mirror/ Inverse/ Portrait | |
| STREAMING OPTIONS | | |
| Compression | H.264 | |
| ONVIF Profile | S | |
| Stream | PAL: H.264 1080P(50 fps) + H.264/MJPEG D1(50 fps) NTSC: H.264 1080P(60 fps) + H.264/ MJPEG D1 (30 fps) | |
| Stream 1 Max Resolution and FPS | H.264 1080P @ 50 fps | |
| Stream 2 Max When Stream 1 Set Max Resolution and FPS | H.264/MJPEG D1 @ 50 fps | |
| Stream 1 1080P Resolution and Max FPS | H.264 1080P @ 60 fps | |
| Stream 2 Max when Stream 1 Set 1080P Resolution and Max FPS | H.264/MJPEG D1 @ 30 fps | |
| Minimum / Maximum Bitrate | 64 / 8195 (kbps) | |

| OPERATION | |
|--------------------|--|
| ICR | N/A |
| LED Numbers | N/A |
| LED Distance | N/A |
| White Balance | Manual / AWB / ATW / One Push |
| NR | 3D |
| BLC | On / Off |
| WDR | True WDR (>120dB) |
| DIS / EIS | Y |
| Motion Detection | On / Off / Schedule |
| Privacy Mask Type | 8 Colours / 5 sets |
| Tamper Alarm | On / Off / Schedule |
| Audio Type | N/A |
| Audio In | N/A |
| Audio Out | N/A |
| Audio Sample Rate | N/A |
| Analogue Out | N/A |
| Heater | N/A |
| Fan | N/A |
| Alarm Input | N/A |
| Alarm Output | N/A |
| Event Notification | HTTP / FTP / SMTP |
| SD Card Support | microSDHC 32GB Support |
| Ethernet Connector | RJ-45 Cable |
| Power Connector | DC Jack |
| O/I Connector | N/A |
| Protocol | IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF S |
| Security | HTTPS / IP Filter / IEEE 802.1X |

| ENVIRONMENTAL | |
|-----------------------|-----------------------------|
| Operating Temperature | -10°C ~ 50°C (14° ~ 122° F) |
| Storage Temperature | -20°C ~ 65°C (-4° ~ 149° F) |
| Humidity | 10% ~ 90%, No Condensation |
| Vandal Resistant | IK8 |
| IP Rating | IP66 |

| GENERAL | |
|--------------------------------|---|
| Power*1 | PoE / DC12V |
| Power Priority 1 | PoE |
| Power Priority 2 | DC |
| Power Priority 3 | N/A |
| Power Failover | N/A |
| PoE Classification | Class 2 |
| Power Consumption (Total Unit) | Max: 4.2W |
| Dimensions | ø 110.2 x 47.7 mm (ø 4.3" x 1.9") |
| Weight | 180 g (0.40 lb) |
| Certification | CE / FCC |
| Colour Options | Grey (Part Number SY-FDEF3.6-G-LLX) White (Part Number SY-FDEF3.6-W-LLX) |

NOTE: *1 If multiple power inputs are to be used simultaneously on the camera (such as AC power + PoE or DC power + PoE) all power supplies must be isolated power supplies. If non-isolated power supplies are deployed, they must be used in conjunction with appropriate isolation between each individual camera and the non-isolated power supply.