

# 2MP Low Light IP External Micro Dome Camera

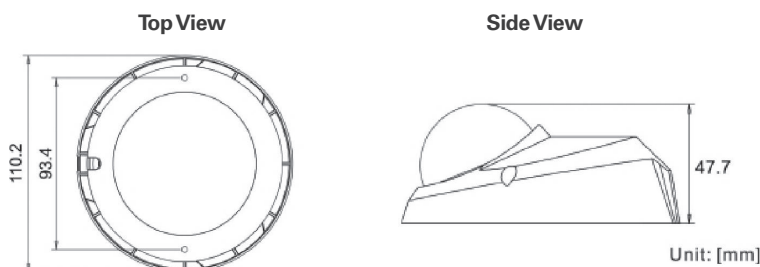
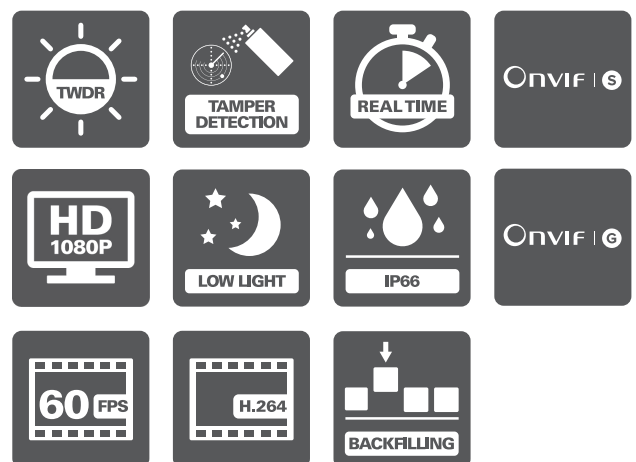
## SY-FDEF3.6-G-LLX / SY-FDEF3.6-W-LLX

**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.



# 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 / G	
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 Colors / 5 sets
Tamper Alarm	On / Off / Schedule
Audio Type	N/A
Audio In	N/A
Audio Out	N/A
Audio Sample Rate	N/A
Analog 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, ONVIF G
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
Color 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.