

2MP Low Light IP Micro Dome Camera

SY-SDF2.8-IR-LRB

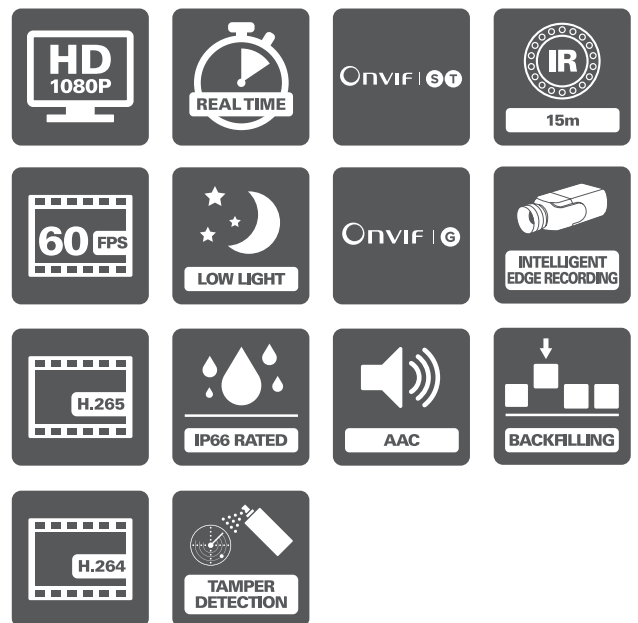
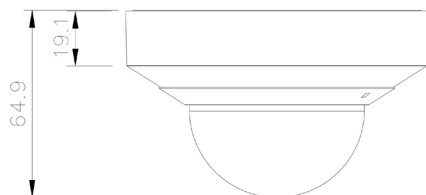
The Synectics Low Light IP Micro Dome Camera matches great picture performance with ultra-compact aesthetics.



The Synectics 2MP Full HD multi-stream fixed dome IP camera is equipped with a progressive scan CMOS sensor, providing outstanding video resolution and the capability to stream H.264 and H.265 simultaneously.

The micro dome provides 1080p 50/60fps streaming, along with a wide-angle 2.8 mm lens and IR LEDs. ONVIF Profile S, T and G compliance ensures easy setup while IP66 guarantees optimum performance under challenging conditions.

This camera is ideally suited to small spaces or locations that require a physically compact form factor.



Specifications

CAMERA		SY-SDF2.8-IR-LRB
Image Sensor		1/2.7" Progressive CMOS
Resolution		H.265/H.264/MJPEG- Full HD 1080p / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QVGA
Min Illumination Color		0.1 lux
Min Illumination Black and White		0.01 lux (0.0 lux IR LED ON)
Shutter Speed		1 ~ 1/10000 Second
LENS		
Lens Mount		N/A
Lens		Fixed lens 2.8 mm
FOV		Approx. HFOV 108. Approx. VFOV 76.
f Number		F2.0
P Iris		N/A
Focus Mode		N/A
Digital Zoom		10x
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		Mirror / 0° / 90° / 180° / 270°
STREAMING OPTIONS		
Compression		H.265 / H.264
ONVIF Profile		S / G / T
Stream		NTSC: H.265/H.264/MJPEG 1080p @60fps + H.265/H.264/MJPEG 640 X 360 @60fps PAL: H.265/H.264/MJPEG 1080p @50fps + H.265/H.264/MJPEG 640 X 360 @50fps or NTSC: H.265/H.264/MJPEG 1080p @30fps + H.265/H.264/MJPEG 1080p @30fps PAL: H.265/H.264/MJPEG 1080p @25fps + H.265/H.264/MJPEG 1080p @25fps
Stream 1 Max Resolution and Max FPS		NTSC: H.265/H.264/MJPEG 1080p @60fps PAL: H.265/H.264/MJPEG 1080p @50fps
Stream 2 Max when Stream 1 is set to Max Resolution and FPS		NTSC: H.265/H.264/MJPEG 640 X 360 @60fps PAL: H.265/H.264/MJPEG 640 X 360 @50fps
Stream 1 "Standard" Resolution and FPS		NTSC: H.265/H.264/MJPEG 1080p @30fps PAL: H.265/H.264/MJPEG 1080p @25fps
Stream 2 Max when Stream 1 is set to "Standard" Resolution and FPS		NTSC: H.265/H.264/MJPEG 1080p @30fps PAL: H.265/H.264/MJPEG 1080p @25fps
Min/Max Bitrate		64 / 10240 (kbps)
Max Number Unicast Streams		15

OPERATION	
ICR	Auto / On / Off / Smart
LED Numbers	4
LED Distance	Up to 15 m
White Balance*1	Auto / ATW / Smart / One Push / Smart One Push / Manual
NR	3D/2D/Color
BLC	On / Off
WDR	Y
DIS / EIS	N/A
Motion Detection	On / Off / Schedule
Privacy Mask Type	8 Colors/5 sets
Tamper Alarm	On / Off / Schedule
Audio Type	Line In / Line Out
Audio In	G.711 / G.726 / AAC / LPCM
Audio Out	G.711 / G.726 / AAC / LPCM
Audio Sample Rate	ACC: 48000 (Other: 8000)
Analogue Out	Y
Heater	N/A
Fan	N/A
Alarm Input	1 Set 5V 10kΩ Pull Up
Alarm Output	1 Set Photo Relay Output 300V DC/AC
Event Notification	HTTP / FTP / SMTP
Synectics Intelligent Edge Recording*1	Y
On-Board Storage	Up to 60 Seconds (Synectics Intelligent Edge Recording only)
SD Card Support	microSD / SDHC / SDXC
Ethernet Connector	RJ-45 Cable
Power Connector	2 Pin Terminal Block
I/O Connector	4 Pin Terminal Block
Protocol	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS, ONVIF S, ONVIF G, ONVIF T
Security	User Authentication / HTTPS / IP Filter / IEEE 802.1x
ENVIRONMENTAL	
Operating Temperature	-30°C~55°C (-22°~131°F)
Storage Temperature	-20°C~70°C (-4°F~158°F)
Humidity	10%~90%, No Condensation
Vandal-Resistant	N/A
IP Rating	IP66
GENERAL	
Power*2	PoE(802.3at) / DC12V
Power Priority 1	No Priority. First Connected Power Used
Power Priority 2	No Priority. First Connected Power Used
Power Priority 3	N/A
Power Failover	N/A
PoE Classification	Class 0
Power Consumption (Total Unit)	PoE: 7W DC: 6W
Dimensions	Ø 105 x 65 mm (Ø 4.13" x 2.56")
Weight	248 g (0.55 lb)
Certificates	CE / FCC

NOTE: *1 Features are related to the firmware version. Please contact your Synectics representative for more details. *2 If multiple power inputs are to be used simultaneously on the camera (DC power + PoE) all power supplies must be isolated power supplies.