

4K IR (Infrared) IP Bullet Camera

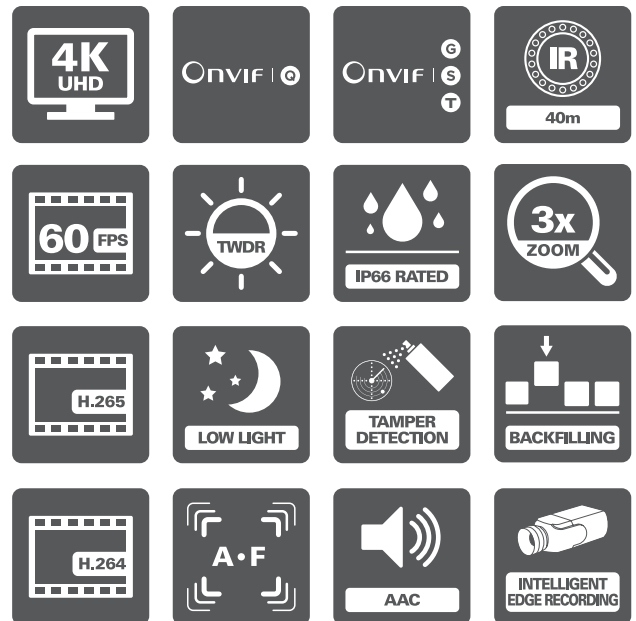
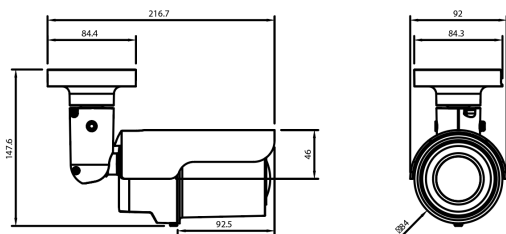
SY-BTM3-TTL

The Synectics Low Light IR Bullet Camera utilises advanced image processing technology, offering crisp 4K, high-quality HDR real-time video. Its HDR capability captures more image detail under challenging light conditions.



The Synectics 4K multi-stream bullet IP camera is equipped with a Sony Exmor™ progressive scan CMOS sensor providing outstanding video resolution and the capability to stream H.264 and H.265 simultaneously.

The IR bullet provides HD 50/60fps streaming or true WDR at 25/30fps. Coupled with its 3x AF zoom lens and IR illumination up to 40m, performance is assured in all lighting conditions. ONVIF Profile S, G, Q and T compliance ensures easy set up while IP66 guarantees optimum performance under challenging conditions.



Specifications

CAMERA		SY-BTM3-TTL
Image Sensor	4K Sony 1/1.8" Progressive CMOS	
Effective Pixels	3864 (H) x 2180 (V)	
Resolution	H.265/H.264/MJPEG - 4K (UHD) / 1080p / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QVGA	
Min Illumination Color	0.04 lux	
Min Illumination Black and White	0.02 lux (0.0Lux IR LED ON)	
Shutter Speed	1 ~ 1/10000 Second	
LENS		
Lens Mount	N/A	
Lens	3 x AF / 3.6 ~ 11 mm	
FOV	Horizontal 113° (Wide); 59° (Tele) Vertical 63° (Wide); 32° (Tele)	
f Number	F1.5 (Wide)	
P Iris	Y	
Focus Mode	Push AF, Zoom Trigger AF, Manual	
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	N/A	
STREAMING OPTIONS		
Compression	MJPEG / H.265 / H.264	
ONVIF Profile	S / G / Q / T	
Stream*2	Stream 1: 4K(3840x2160), (3200x1800), 1080p(1920x1080), (1280x1024), 720p (1280x720) Stream 2: 1080p (1920x1080), 720p (1280x720), (720x480), (320x240) Stream 3: 1080p (1920x1080), 720p (1280x720), (720x480), (320x240) Stream 4: (320 x 240)	
Min/Max Bitrate	64 kb/s to 20.48 Mb/s	
Max Number Unicast Streams	17	

OPERATION	
ICR	Auto / On / Off / Smart
LED Numbers	8
LED Distance	Up to 40m
White Balance*1	Auto / ATW / Smart / One Push / Smart One Push / Manual
NR	3D / 2D / Color
BLC	N/A
WDR	True WDR (120dB)
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)
Analog Out	N
Heater	Y
Fan	N
Alarm Input	1 Set 5V 10kΩ Pull Up
Alarm Output	2 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*3	microSDXC 1TB Support
Ethernet Connector	RJ-45 Cable
Power Connector	2 Pin Terminal Block
I/O connector	5 Pin Terminal Block
Protocol*3	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS, ONVIF G, ONVIF Q, ONVIF S, 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	IK10
IP Rating	IP66
GENERAL	
Power*2	AC24V / PoE(802.3af) / DC12V
Power Priority 1	No priority. First connected power used
Power Priority 2	N/A
Power Priority 3	N/A
Power Failover	N/A
PoE Classification	Class 0
Power Consumption (Total Unit)	15 VA Max
Dimensions	Ø 147.6 mm x 216.7 mm / 5.81" x 8.54"
Weight	950 g / 2.09 lbs
Certificates	CE / FCC

*1 Features are related to the firmware version. Please contact your Synectics representative for more details. *2 Maximum permissible resolution, bit-rate and frame-rate will be reduced dependent on the configuration of the primary stream. *3 A supported SD memory card is required for profile G. Please refer to manual for more detail.

Specifications subject to change. E & OE.