WP4-BC840M04

CCTV With Wiper housing

DESCRIPTION

WP4-BC840M04 all-weather outdoor housing offers robust and easy, secure installation. It is operated by AC24V and has the direct power to the installed box camera. The IK10-, IP66- rated casing protects against water and dust in all weather conditions. With an anti-drop design, it enables easy and secure installation without spare screws. The housing operates in a wide temperature range, from -30 °C to +75 °C. To prevent ice or condensation from forming on the optical window, the housing comes with a built-in heater and blower. External IR illuminator is offered as an option and it can easily snap-in to housing without additional cables.

WP4-BC840M04 is a color IP camera to be built-in the ATEX (EX) and the marine and industrial (SA) camera housings from Siqura. It is a full featured 2.1Mpixel IP open-frame camera with excellent low light sensitivity and HDR capabilities. Its integrated varifocal lens can perform a fast and reliable focus over the whole range.

FEATURES

- IP66 water ingress protection
- IK10 impact cast aluminum housing
- Built-in Wiper
- -30 °C to +75 °C Wide-range operating temperature
- Side-opening alarm switch
- Easy and secure installation
- Snap-in external IR as option
- Fully Integrated in the Siqura EX- or SA-housings
- 1/2.8" progressive scan CMOS
- 4x Motorized varifocal lens
- 120 dB WDR (HDR)
- ONVI Profile S

WP4-BC840M04 Housing	
IP Rating	IP66
IK Rating	IK10, without glass
Temperature control	heater/blower
Power	24 Vac
Power consumption	80 W (incl. camera)
Relative Humidity	5% to 95%, no condensation
Operating temperature	
- Without IR	-50 °C to +75 °C (-258 °F to +167 °F)
- With IR	-50 °C to +50 °C (-258 °F to +122 °F)
Cold Startup	-40°C (-40°F)
Window Heater ON/OFF	20°C (68°F) ON, 30°C (86°F) OFF
Cold Start Heater ON/OFF	0°C (32°F) ON, 5°C (41°F) OFF
Blower ON/OFF	35°C (95°F) ON, 25°C (77°F) OFF
Material	Aluminum
Dimensions	158 x 170 x 502 mm (6.2 x 6.69 x 19.7 in)
Weight	2.9 kg (6.4 lbs)

WP4-BC840M04-IR	
Beam Angle (Horizontal)	10° ~ 40°
Distance	50-140m
Wavelength	850nm
Power Consumption	12M
Dimensions	135 x 87.01 x 88.05 mm
Weight	1.2kg
Operating Temperature	-40 °C ~ 50 °C (-40 °F to +122 °F)

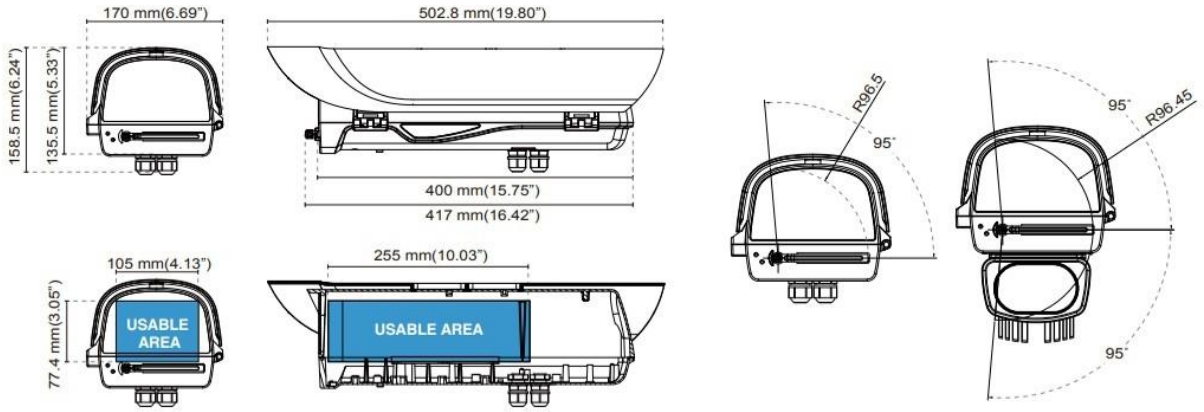
WP4-BC840M04-Wall	
Pan Angle	360°
Tilt Angle	-66.5°~ 0°
Max. Load	10kg
Dimensions	318 x 226 x 108 mm
Weight	1.05kg

WP4-BC840M04-Pole	
Pole Diameter	89~15.24 mm
Max. Load	25kg
Dimensions	240 x 156.7 x 68.9 mm
Weight	1.26kg

WP4-BC840M04-Power Box	
Material	Aluminum
Input Power	115/230VAC
Output Power	24VAC/6A

Camera	
Motorized zoom	4x zoom
Image sensor	1/2.8" progressive scan CMOS
Effective pixels	1920(H) x 1080(V), 2.1Mp
Minimum scene illumination	0.02 lux color; 0.005 lux B/W f/1.4
Lens	2.8 to 12 mm
Horizontal field of view	105° (W) to 33° (T)
Lens type	motorized varifocal
Dynamic WDR	120dB
Shutter speed	1/25 - 1/30,000 s
Features	BLC, HLC, auto/manual white balance, noise reduction, defog
Digital Image Stabilization	N/A
Exposure	Auto/Manual/Iris priority/shutter priority
Day/Night (IR-cut filter)	Auto/Manual
Focus	manual, push-to-focus
Other Feature	build in Wiper & Integrade with washer tank
Functions	
Privacy masks	10
On-screen display	3x text lines (configurable: position, color, border/outline color, font size)
	1x image in BMP, GIF, or JPEG format (configurable: position, scaling)
Video settings	User profiles, contrast, brightness, color saturation, hue, sharpness, noise filter
Embedded analytics	
Video motion detection	Yes (free-drawn ROI)
Image quality monitor	Focus, contrast, SNR, exposure
Tamper detection	Partially blocked view, cloaked, changed position
Video	
Number of streams	2x
Aspect ratio	16:9, 16:10, 5:4, 4:3 (cropped, no scaling)
Compression algorithm(s)	H.264 BP/MP/HP (H.264/MPEG-4 AVC), MJPEG
Supported output resolutions	1920x1080; 1280x1024; 1280x720; 720x576; 704x576; 640x480;
	480x576, 352x576; 704x288; 352x288; 320x240; 176x144
Compression bit rate control	Variable bit rate (VBR)
Output bit rate (per H.264 stream)	Up to 6Mb/s
Max latency	125 ms
Number of video output streams	Up to 20 (RTSP) per input
Total output data rate (max)	50Mb/s
Video overlay	3x Text, 1x bitmap (BMP, GIF) in both optical and thermal image
Embedded Analytics	
Video motion detection	Yes (free-drawn ROI)
Image quality monitor	Focus, contrast, SNR, exposure
Tamper detection	Partially blocked view, cloaked, changed position
Network	
Interface(s)	100 Mb Ethernet, auto negotiating, MDI/MDX , analog & UTP / Fibre
Protocols	IPv4, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, UPnP,
	IGMP, SNMP, QoS, ONVIF, TLS1.2, IEEE802.1x, NTCIP-1205
Password levels	User and Administrator
Supported browsers	Internet Explorer (9.0+), Edge, Chrome, Firefox, Safari
User accounts	20

DIMENSION IN MM



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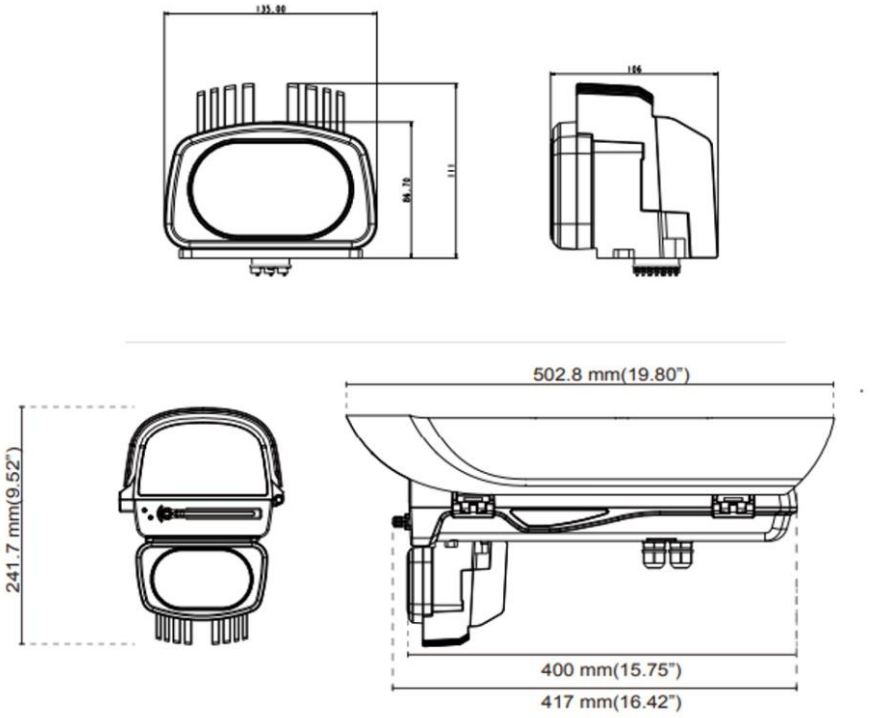

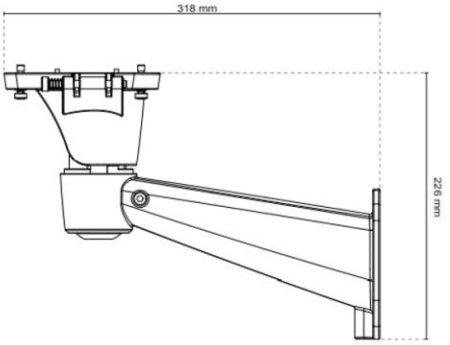

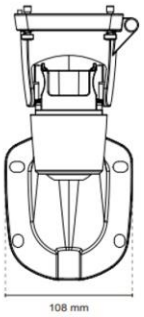

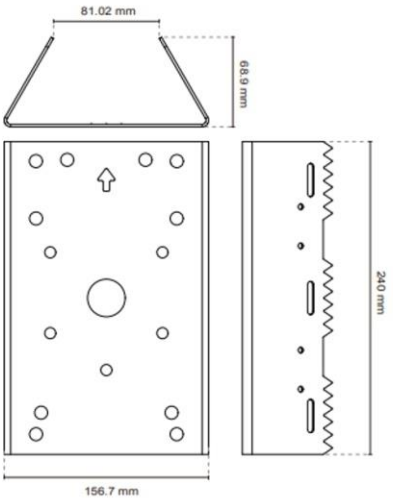

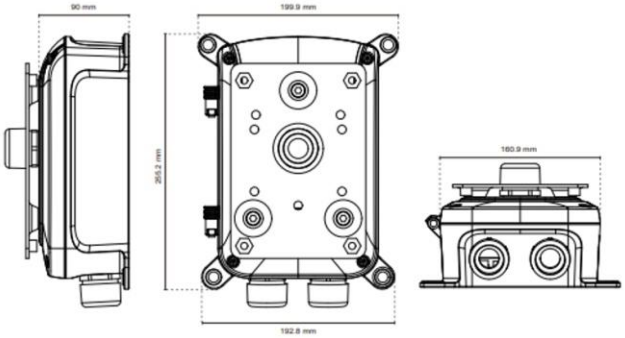

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