

PTZ dome with D/N & wide dynamic range (outdoor)

Siqura HD16 WDR

Features

- Outdoor high speed PTZ dome
- 35x Optical Zoom/12x digital zoom
- Day/Night with IR-cut filter
- Wide Dynamic Range
- Back Light Compensation
- Electronic Image Stabilization
- 400°/second Preset targeting
- 360° continuous rotation
- 256 presets/1 programmable cruise
- 8 alarm in/1 output
- 8 privacy masks
- Polycarbonate bubble
- 24 VAC



Bracket Sold Separately

Description

The Siqura® HD16 WDR ensures excellent high-resolution pictures (540 TVL) even under the most difficult circumstances by offering features such as day/night, digital slow shutter, wide dynamic range, and image stabilizer.

High-Speed Dome

This high speed PTZ dome has a 35x autofocus zoom lens with 12x digital zoom. Because the lens can move in almost any direction (pan and tilt), this camera offers a wide range of observation without missing the smallest details. In addition, the precision 400° per second pan and tilt drive technology offers almost instant preset positioning.

Day/Night and Digital Slow Shutter

Under poor light conditions, this high-speed dome automatically becomes infrared sensitive by removing the IR-cut filter. This day/night feature ensures that even in minimal light the camera still produces clear images. The digital slow shutter increases the camera's light sensitivity by delaying the shutter.

Backlight Compensation and Wide Dynamic Range

In situations where the observed object is unclear due to being under- or overlit, such as in a hallway entrance with many windows, backlight compensation improves image exposure by using the light near the object as a reference. Wide dynamic range solves the problem of overlit images by taking the best of two pictures with different light references.

Image Stabilizer

When the high-speed dome is in its maximum zoom range, every small movement of the camera gives a relatively large movement in the picture. The Image Stabilizer digitally compensates this movement for a stable picture. This feature is especially useful for pole-mounted domes.

Privacy Masks

Privacy masks cover sections of the image and shrink or grow according to the camera's zoom. This feature is often requested for such situations as city center surveillance and point of sale keypads.

Siqura Surveillance Solutions

The Siqura® HD16 WDR is part of Siqura, a complete offering of surveillance equipment and solutions. Siqura offers video codecs/servers, IP cameras, video management, network storage, and configuration software.

Ordering information

Model	Description	Zoom	Privacy Masks	NTSC/PAL
Siqura HD16 WDR /N	High-speed PTZ Dome Camera, Wide Dynamic Range, day/night, IP66, incl. sunshield	35x	8	PAL
Siqura HD16 WDR /P	High-speed PTZ Dome Camera, Wide Dynamic Range, day/night, IP66, incl. sunshield	35x	8	PAL

Siqura HD I6 WDR

Technical Specifications

Camera

Image sensor	1/4" CCD
Optical zoom	35x
Digital zoom	12x

Resolution	NTSC	PAL
Effective pixels	380k	440k
Horizontal resolution	480 TVL	480 TVL
Electronic shutter	1/2~1/30 k s	
Synchronization	Internal/line lock	
Video output	1.0 Vpp/75Ω, BNC	
S/N ratio	>50 dB (AGC off)	
Minimum illumination	0.05 lux (color), 0.01 lux (B/W)	
Focal length	3.4~119mm	
Focus mode	Auto/manual	
White balance	Auto/manual	
Iris control	Auto/manual	
AGC control	Auto/manual	
Backlight compensation	On/ Off	
Privacy mask	8	

Functions

Motion detection	On/ Off
Day/ Night (IR-cut filter)	On/ Off
Digital slow shutter	On/ Off
Electronic image stabilizer	On/ Off
Wide Dynamic Range	On/ Off

Contacts

Alarm input	8
Alarm output	1
Alarm reaction	Preset, Sequence, Auto pan, Cruise

Network

Interface Protocol	RS485 Pelco-D (BI-Directional), Pelco-P, Kalatel, Philips, AD422
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Pan/Tilt

Pan travel	360° endless
Tilt travel	-10° ~ 190°
Preset speed	400°/s
Manual speed	90°/s
Presets	256 presets
Preset accuracy	0.225°
Cruise	1
Sequence	8
Auto pan	4
Proportional pan & tilt	On/ Off
Resume after power loss	Yes
Zone title	16
Home function	Preset, Sequence, Auto pan, Cruise
Auto flip	Digital/ Mechanical/ Off

Mechanical

Dimension (h x w x d)	7.5 x 11.9 in. (Ø190 x 302.5 mm)
Weight	13.2 lbs. (6 kg)
Color	RAL-9003 (Signal White)

Environmental

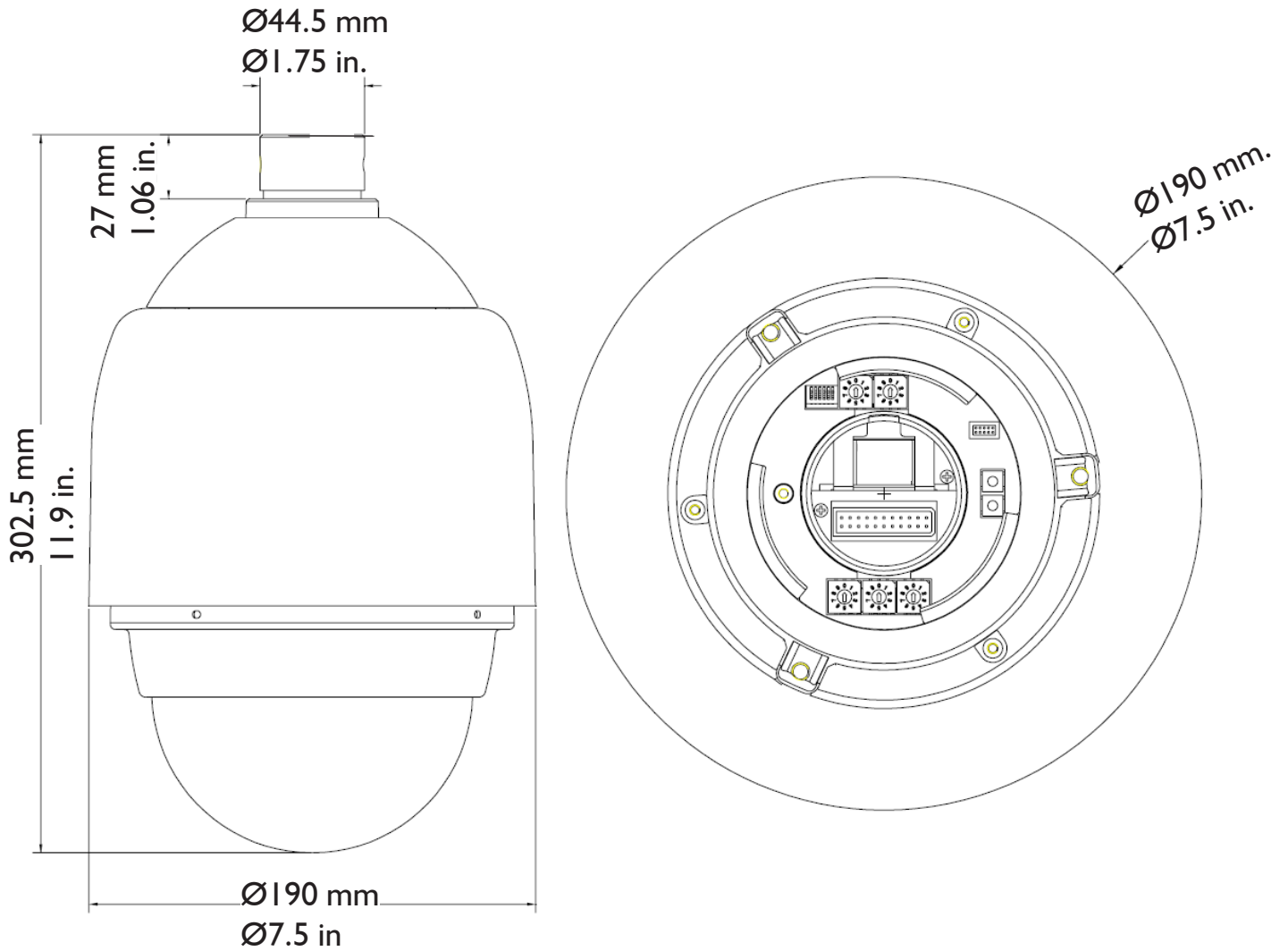
Operating Temperature	-49°F to +122°F (-45°C to +50°C)
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Powering

Power consumption	65W (with heater)
Power	19.2 - 28.4 VAC (24VAC nominal +/- 20%)

Siqura HD I6 WDR

Technical Drawing



Ordering Information Accessories

Model	Description
Siqura PA02 /EU Siqura PA02 /US Siqura PA03	Power adapter 220~235 VAC to 24 VAC /3A for MD- and HD-series with use of heater (outdoor), with EU plug. Power adapter 100~115 VAC to 24 VAC /3A for MD- and HD-series with use of heater (outdoor), US plug. Power adapter 110/220 VAC to 24 VAC /3A in water-resistant housing
Siqura WM01 Siqura WM02 /HD Siqura WM03 Siqura WM05 Siqura WM06	Mini pendant for MD- and HD-series Mount kit for indoor HD-series, compatible with CM01, CM02 and WM03 Gooseneck tube Corner plate, compatible with WM01 and WM03 Wall box mounting, compatible with WM01 and WM03
Siqura PM01 Siqura PM02 Siqura PM03 Siqura PM04 Siqura PM05	Pole thin direct mounting, compatible with WM01 and WM03 Pole wide direct mounting, compatible with WM01 and WM03 Pole thin box mounting, compatible with WM01 and WM03 Pole wide box mounting, compatible with WM01 and WM03 Swan neck tube
Siqura CC13 /IP	1.3M Cable, BNC/Audio/Power jacks, 22 pins for WM03 and PM05

