Siqura HD20

Features

- Indoor High Speed Network PTZ dome
- Tri-stream support- Dual-MPEG-4 / MJPEG
- 26x Optical Zoom/12x digital zoom
- Day/Night with IR-cut filter
- Back Light Compensation
- 400°/second Preset targeting
- 360° continuous rotation
- 256 presets/1 programmable cruise
- 8 alarm in/1 output
- Two-way audio
- 24 Privacy Masks
- Analog Output
- Polycarbonate bubble
- 24 VAC

Description

The Siqura® HD20 ensures excellent pictures even under the most difficult circumstances by offering features like day/night and digital slow shutter.

Triple Streaming

The versatile HD20 is capable of streaming dual MPEG-4 and MJPEG simultaneously. Each stream is optimized for its purpose, e.g., high-quality MJPEG live viewing, low-bandwidth MPEG-4 storage, and low-resolution MJPEG for web applications or remote devices (e.g., PDAs).

High-Speed Dome

This network high-speed PTZ dome has 26x auto focus zoom lens with the 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 Backlight Compensation

The HD20 is provided with an automatic Day/Night functionality, which is used in low light situations and a Backlight Compensation functionality for use in different scenes. This means, the HD20 provides a clear picture for the operator, no matter what the lightning situation is.

Audio, I/O Contacts and Analog Output

By combining streaming video with duplex audio and I/O contacts over IP, the HD20 provides all the interfaces necessary for any IP CCTV application. The balanced audio inputs/outputs are suitable for all industrial audio systems. With its analog output, the HD20 is a hybrid solution and can provide local video for a public view monitor or local DVR.

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® HD20 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 HD20 /N	IP high-speed PTZ Dome Camera, day/night	26x	24	NTSC
Siqura HD20 /P	IP high-speed PTZ Dome Camera, day/night	26x	24	PAL

Siqura HD20

Technical Specifications

Camera

Image sensor	1/4" CCD	
Optical zoom	26x	
Digital zoom	12x	

Resolution	**NTSC**	**PAL**
Effective pixels	380k	440k
Horizontal resolution	480 TVL	480 TVL
Electronic shutter	½~1/30 k s	
D1	720x480	720x576
½D1	352x480	352x576
2CIF	720x240	720x288
CIF	352x240	352x288
QCIF	176x120	176x144

Synchronization	Internal/line lock
Video output	1.0 Vpp/75Ω, BNC
S/N ratio	>50 dB (AGC off)
Minimum illumination	0.07 lux (color), 0.01 lux (B/W)
Focal length	3.5~91mm
Focus mode	Auto/ manual
White balance	Auto/ manual
Iris control	Auto/ manual
AGC control	Auto/ manual
Backlight compensation	On/ Off

Video

Number of video streams	2x MPEG-4 and/or MJPEG
Frame rate	1 to 30 fps
Compression algorithm	MPEG-4 SP Layer 5 (ISO/IEC 14496-2), MJPEG

Audio

Two-way audio	Line out, Line in/mic in (jack Ø3.5 mm)

Functions

Motion detection	On/ Off
Day/ Night (IR-cut filter)	On/ Off
Digital slow shutter	On/ Off

Contacts

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

Network

Interface	RS485
Protocol	MPEG-4 ES, RTP, UDP, IP, DHCP, IGMPv2, RTSP, (S)NTP, MX/IP, HTTP, SNMP v2

Pan/Tilt

Pan travel	360° endless
Tilt travel	-10° ~ 190°
Preset speed	400°/s
Manual speed	1° ~ 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/Of

Mechanical

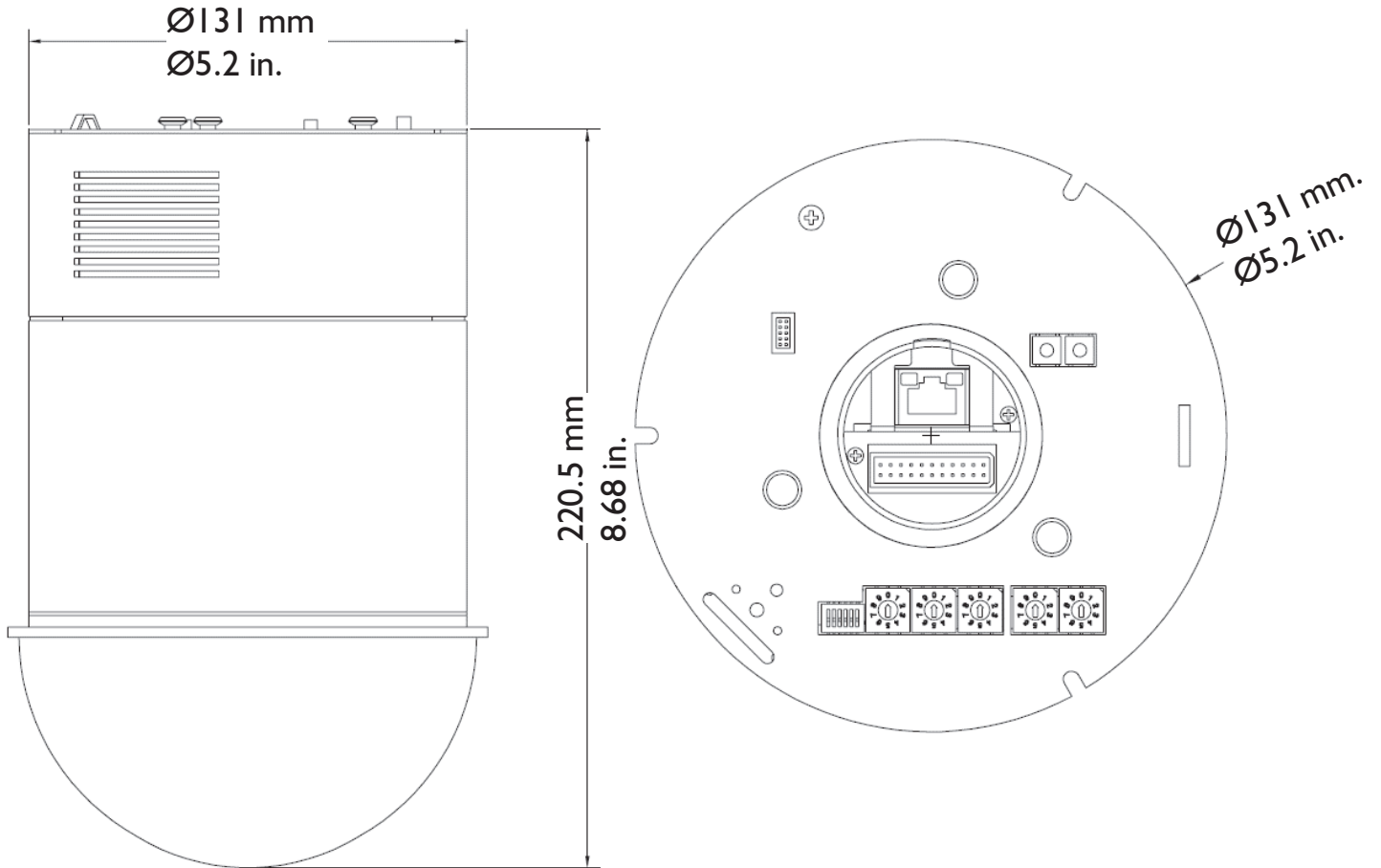|	
Dimension (h x w x d)	Ø5.2 x 8.68 in. (Ø131 x 220.5 mm)
Weight	3.5 lbs. (1.6 kg)
Color	RAL-9003 (Signal White)

Environmental

Operating Temperature	+32°F to +104°F (0°C to +40°C)

Powering

Power consumption	27W
Power	19.2 - 28.4 VAC (24VAC nominal +/- 20%)

Ø131 mm
Ø5.2 in.

Ø131 mm.
Ø5.2 in.

220.5 mm
8.68 in.

Ordering Information Accessories

Model	Description
Siqura PA01 /EU Siqura PA01 /US	Power adapter 220~235 VAC to 24 VAC /1,5A for FD-series with use of heater (outdoor) and MD- and HD-series with no use of heater (indoor), with EU plug. Power adapter 100~115 VAC to 24 VAC /1,5A for FD-series with use of heater (outdoor) and MD- and HD-series with no use of heater (indoor), with US plug.
Siqura CM03 /HD Siqura CM04 /HD Siqura CM01 Siqura CM02	Hard ceiling mount indoor HD-series Flush mount indoor HD-series Straight tube 25 cm Straight tube 50 cm
Siqura WM01 Siqura WM02 /HD	Mini wall mount for MD- and HD-series Tube adaptor for indoor MD-series, compatible with CM01, CM02 and WM03
Siqura CC13 /IP	1.3M Cable, BNC/Audio/ Power jacks, 22 pins for CM02

Optelecom-nkf

RoHS COMPLIANT

FC CE