

Siqura BC22

Features

- 1/3.8" progressive scan CMOS, 1.3 megapixel imager
- Dual stream of MPEG-4 and MJPEG video
- Two-way audio
- Backlight compensation
- C/CS mount lens support
- DC Auto Iris, Video Drive or Manual lens support
- Top/Bottom 1/4-20 mount
- 12 VDC/24 VAC/802.3af PoE



Description

The Siqura® BC22 is a traditional box-shaped camera providing quality images.

1.3 Megapixel

The BC22 has dual-stream capability for simultaneous streaming of MPEG-4 and MJPEG video. The MJPEG video picture resolution of 1.3 megapixels (four times VGA), gives more detail than a traditional analog high-resolution camera. Multiple combinations of resolution and frame rate can be configured to satisfy different live viewing and recording scenarios.

Two-Way Audio

Two-way audio enables observer-object communications.

Backlight Compensation

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.

Power Source Choices

This megapixel camera can be powered by 12 VDC or 24 VAC (terminal block) or over the network with 802.3af compliant Power-over-Ethernet sources.

Privacy Masks

Privacy Masks cover sections of the image. This feature is often requested for such situations as city center surveillance and point of sale keypads.

Tamper Alarm

Covering or moving the camera will trigger an alarm. The camera can be configured to send pre and/or post alarm snapshots to an email or FTP server.

Siqura Surveillance Solutions

The Siqura® BC22 is part of Siqura, a complete collection of surveillance equipment and solutions. Siqura offers video codecs/servers, IP cameras, video management, network storage, and configuration software.

Ordering information

Model	Description
Siqura BC22 /EU	Network box camera, 1.3 megapixel, 50 Hz
Siqura BC22 /US	Network box camera, 1.3 megapixel, 60 Hz

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Technical Specifications

Camera

Image sensor 1/3.8" CMOS
 Progressive scan Yes
 Video output MJPEG 15fps@1.3MP/MPEG-4 15fps@VGA
 (simultaneous) MJPEG 30fps@VGA/MPEG-4 30fps@VGA

Resolution	NTSC	PAL
1.3MPix (MJPEG)	1280x960	1280x960
VGA	640x480	640x480
QVGA	320x240	320x240
CIF	352x240	352x288
QCIF	176x120	176x144

Minimum illumination 0.6 lux @ F1.2
 Shutter speed 1/15 ~ 1/15000 s
 Lens type* Video drive/DC drive
 Lens mounting* C/CS mount

Image Control

Brightness Manual
 Exposure Auto/Manual
 Sharpness Manual
 Contrast Manual
 White balance Auto/Manual/Indoor/Outdoor
 Rotation Flip, mirror, and 180° rotate
 Digital zoom 6x

Functions

Motion detection On/ Off
 Privacy masks 2
 Tamper alarm On/Off

Audio

Two-way audio Line out, Line in/Mic. in
 (Jack Ø0.13 in./ Ø3.5 mm)
 Compression G.711/ G.726

Contacts

Alarm input 5V 10 kΩ pull-up input
 Alarm output Photocoupler transistor output
 Connector 4-pin terminal block, pitch 3.5 mm

Network

Interface 10/100 Ethernet (RJ45)
 Protocol TCP/IP, UDP, RTP, RTSP, HTTP, ICMP,
 FTP, SMTP, DHCP, and IGMP
 Password levels User and administrator
 Internet browser Internet Explorer (6.0+)
 User account 20

Mechanical

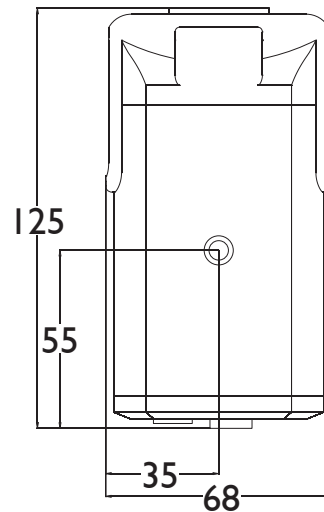
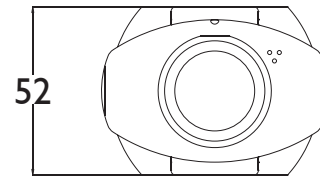
Dimension (h x w x d) 4.92 x 2.68 x 2.1 in.
 (125 x 68 x 52 mm)
 Color RAL-9003 (Signal White)

Environmental

Operating Temperature +32°F to +122°F
 (0°C to +50°C)

Powering

Power consumption 3W
 Power 12 VDC/ 24 VAC (+/-10%)
 802.3af, Power over Ethernet.
 Power connector Terminal block



* Lens, bracket, and power adapter are not included

Ordering Information Accessories

Model	Description
Siqura WM04	Wall bracket for indoor BC series
Siqura VL01	Varifocal lens, 1/3", 1.8-3.6 mm, f1.6, DC auto iris
Siqura VL11	Varifocal lens, 1/3", 2.9-8.2 mm, f1.0, DC auto iris
Siqura VL12	Varifocal lens, 1/3", 2.9-8.2 mm, f1.0, DC auto iris, IR-corrected
Siqura VL22	Varifocal lens, 1/3", 2.8-12 mm, f1.3, DC auto iris, IR-corrected
Siqura VL23	Varifocal lens, 1/3", 2.8-12 mm, f1.3, DC auto iris, IR-corrected, megapixel
Siqura VL31	Varifocal lens, 1/3", 8.5-40 mm, f1.3, DC auto iris, IR-corrected
Siqura PA05 /EU	12V power adapter for BC12 and network cameras BC2x with EU power plug and terminal block.
Siqura PA05 /US	12V power adapter for BC12 and network cameras BC2x with US power plug and terminal block.
Siqura PA05 /UK	12V power adapter for BC12 and network cameras BC2x with UK power plug and terminal block.