

## Siqura BC20

### Features

- 1/4" progressive scan CCD, VGA 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® BC20 is a traditional box-shaped network camera providing high quality images.

#### Dual Streaming

The BC20 has dual-streaming capability for simultaneous streaming of MPEG-4 and MJPEG video.

#### Two-Way Audio

Two-way audio enables observer-subject 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 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® BC20 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 BC20 /EU	Network box camera, VGA, 50 Hz
Siqura BC20 /US	Network box camera, VGA, 60 Hz

# Siqura BC20

## Technical Specifications

### Camera

Image sensor 1/4" progressive scan CCD  
 Video output (max. resolution) Simultaneous MPEG-4 30 fps @ VGA and MJPEG 30 fps @ VGA

Resolution	NTSC	PAL
VGA	640x480	640x480
QVGA	320x240	320x240
CIF	352x240	352x288
QCIF	176x120	176x144

Minimum illumination 0.2 lux @ F1.2  
 Shutter speed 1/15 ~ 1/10000 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 3x

### 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

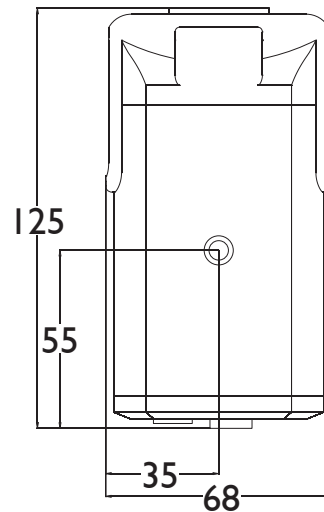
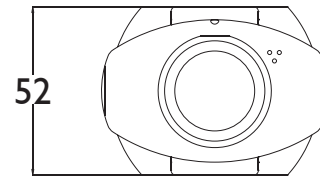
Dimension (h x w x d) 4.92 x 2.68 x 2.1 in. (125 x 68 x 52 mm)  
 Color RAL-9003 (Signal White)

### Environmental

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

### Powering

Power consumption 4.2W  
 Power 12 VDC/ 24 VAC (+/-10%)  
 Power connector 802.3af, Power over Ethernet. 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 Siqura VL11 Siqura VL12	Varifocal lens, 1/3", 1.8-3.6 mm, f1.6, DC auto iris Varifocal lens, 1/3", 2.9-8.2 mm, f1.0, DC auto iris Varifocal lens, 1/3", 2.9-8.2 mm, f1.0, DC auto iris, IR-corrected
Siqura PA05 /EU Siqura PA05 /US Siqura PA05 /UK	12V power adapter for BC12 and network cameras BC2x with EU power plug and terminal block. 12V power adapter for BC12 and network cameras BC2x with US power plug and terminal block. 12V power adapter for BC12 and network cameras BC2x with UK power plug and terminal block.