



IP megapixel box camera with D/N & wide dynamic range

## Siqura BC24 WDR

### Features

- 1/3" progressive scan CCD, 1.3 megapixel imager
- Dual stream MPEG-4 and MJPEG video
- Two-way audio
- Backlight compensation
- Auto day/night with IR-cut filter
- Wide Dynamic Range
- 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® BC24 WDR is a traditional box-shaped camera providing high resolution images.

#### 1.3 Megapixel

The BC24 WDR 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 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.

#### Day/Night

Under poor lighting conditions, this camera 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.

#### 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® BC24 WDR 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 BC24 WDR /EU	Network box camera, 1.3 megapixel, day/night, wide dynamic range, 50 Hz
Siqura BC24 WDR /US	Network box camera, 1.3 megapixel, day/night, wide dynamic range, 60 Hz

# Siqura BC24 WDR

## Technical Specifications

### Camera

Image sensor 1/3" CCD  
 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 0.2 lux @ F1.2  
 Shutter speed 1/15 ~ 1/10000 s  
 Lens type\* Video drive/DC drive/Manual  
 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  
 Day/ Night (IR-cut filter) On/ Off  
 Wide dynamic range On/ Off  
 (max frame rate is 15fps with WDR)  
 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

\* Lens, bracket, and power adapter are not included

### Mechanical

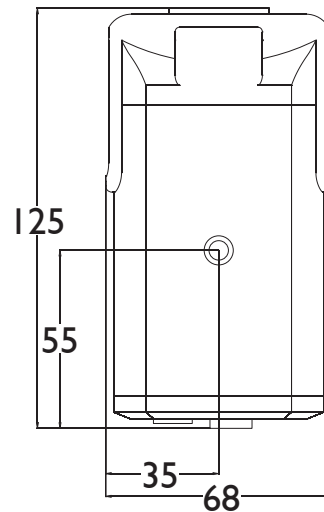
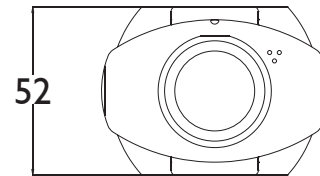
Dimension (h x w x d) 4.92 x 2.68 x 2.1 in.  
 (125 x 68 x 52 mm)  
 Color RAL-9003 (Signal White)

### Environmental

Operating Temperature +32°F to +113°F  
 (0°C to +45°C)

### Powering

Power consumption 5.5W  
 Power 12 VDC/ 24 VAC (+/-10%)  
 802.3af, Power over Ethernet.  
 Power connector Terminal block



## 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.