



IP megapixel fixed dome camera with day/night

Siqura FD24

Features

- 1/3" progressive scan CCD, 1.3 megapixel imager
- Dual stream of MPEG-4 and MJPEG video
- Two-way audio
- 3.7mm- 12mm Varifocal, F1.4 auto iris lens
- 3-Axis full rotational Camera Mount
- Auto day/night with IR-cut filter
- Backlight compensation
- 12 VDC/24 VAC (Heater standard)/802.3af PoE
- IP66 Ingress Rating
- 3/4" NPT conduit access side and bottom



Description

The Siqura® FD24 is a fixed dome network camera in a vandal-resistant dome housing. The modular snap in chassis makes the FD24 the easiest dome camera to install, for both indoor and outdoor applications.

Dual Streaming per Channel

The FD24 has dual stream capability for simultaneous streaming of MPEG-4 and MJPEG video. The MJPEG video can have a resolution up to 1.3 megapixels (four times VGA), and with more detail than traditional analog high-resolution cameras provide.

Vandal-Resistant Housing w/Integrated Varifocal Lens

This fixed dome network camera is suited for indoor and outdoor applications, even in severe environments. The FD24 is made vandal-resistant by using a robust housing and security Torx® screws.

Two-Way Audio

Two-way audio enables observer-subject communications.

Day/Night and Backlight Compensation

The FD24 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 FD24 provides a clear picture for the operator, no matter what the lightning situation is.

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® FD24 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
Siqura FD24 /EU	Network fixed dome camera, 1.3 megapixel, day/night, IP66, vandal-resistant, 50 Hz
Siqura FD24 /US	Network fixed dome camera, 1.3 megapixel, day/night, IP66, vandal-resistant, 60 Hz

Siquira FD24

Technical Specifications

Camera

Image sensor 1/3" progressive scan 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 Fixed lens
 Lens 3.3~12 mm, auto iris, F1.4

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 12x

Functions

Motion detection On/ Off
 Day/night (IR-cut filter) On/ Off/ Auto
 Privacy masks 2
 Tamper alarm On/ Off

Audio

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

Contacts

Alarm input 5V 10kΩ 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

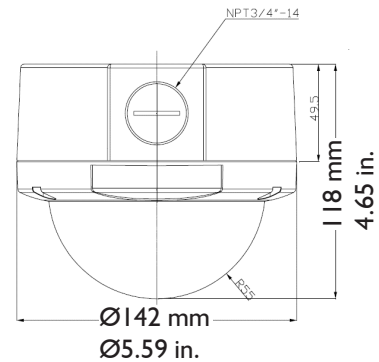
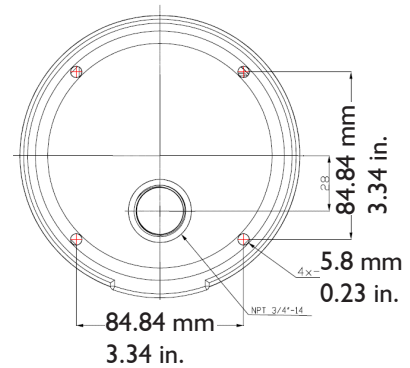
Dimension (h x w x d) Ø5.59 x 4.65 in.
 (Ø142 x 118 mm)
 Weight 2.2 lbs. (1 kg)
 Color RAL-9003 (Signal White)

Environmental

Operating Temperature -40°F to +122°F
 (-40°C to +50°C)

Powering

Power consumption 21.6W (with heater),
 3.6 W with PoE (indoor only)
 Power 12 VDC/ 24 VAC (+/-10%)
 802.3af, Power over Ethernet.
 Power connector Terminal block



Ordering Information Accessories

Model	Description
Siquira PA01 /EU	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.
Siquira PA01 /US	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.
Siquira PA04 /EU	12V power adapter for BC12 and FD-series (indoor only), with EU plug.
Siquira PA04 /US	12V power adapter for BC12 and FD-series (indoor only), with US plug.
Siquira PA04 /UK	12V power adapter for BC12 and FD-series (indoor only), with UK plug.