



IP fixed dome camera

Siqura FD20

Features

- 1/4" progressive scan CCD
- 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
- Backlight compensation
- IP66 Ingress Rating
- 3/4" NPT conduit access side and bottom
- 12 VDC/24 VAC (Heater Standard)/802.3af PoE



Description

The Siqura® FD20 is a network fixed-dome camera in a vandal-resistant dome housing with an integrated varifocal lens.

Dual Streaming

The FD20 has dual-stream capability for simultaneous streaming of MPEG-4 and MJPEG video.

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

Vandal-Resistant Housing w/Integrated Varifocal Lens

This fixed-dome network camera is suited for indoor and outdoor applications, even in severe environments. The FD20 is made vandal-resistant by using a robust housing and security Torx® screws.

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® FD20 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 FD20 /EU	Network fixed dome camera, VGA, IP66, vandal-resistant, 50 Hz
Siqura FD20 /US	Network fixed dome camera, VGA, IP66, vandal-resistant, 60 Hz

Siquira FD20

Technical Specifications

Camera

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

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

Minimum illumination 0.2 lux @ F1.2
 Shutter speed 1/15 ~ 1/10000 s
 Lens type Fixed lens
 Lens 3.3~12 mm

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
 Privacy masks 2
 Tamper alarm On/ Off

Audio

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

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%)
 Power connector 802.3af, Power over Ethernet. Terminal block

