

Features

- Multiple Resolutions :720p30, 1080p30
- 1/2.7" Progressive scan 2.0 MP CMOS Imager
- Dual stream of H.264 and MJPEG video
- Audio – mic input
- 4mm fixed lens
- Compact Surface mount design
- Ruggedized Construction
- 802.3af PoE
- IP66 ingress protection



Description

The Siqura® FD68 is a mini IP fixed dome camera in an impact resistant ruggedized dome housing with an integrated lens providing high resolution pictures. It is specially designed for outdoor applications that require a vibration rated, IP66 ruggedized and tamper resistant solution.

Multi-stream High Definition

The FD68 has dual-stream capability for simultaneous streaming of H.264 and MJPEG video. The FD68 can provide dual streaming 720p full frame rate High Definition video with both H.264 and MJPEG streams simultaneously or a single stream 1080p in either H.264 or MJPEG. Multiple combinations of resolution and frame rate can be configured to satisfy different live viewing and recording scenarios.

Open Standards

Multiple options are available to easily integrate the FD68 to a video management system. In support of open standards, the FD68 is compliant to the ONVIF 1.0 specification in addition to our own Open Streaming Architecture's (OSA) HTTP API.

Power over Ethernet

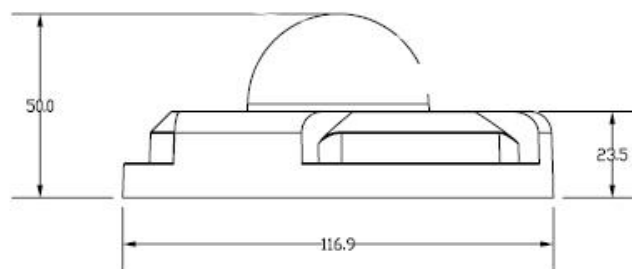
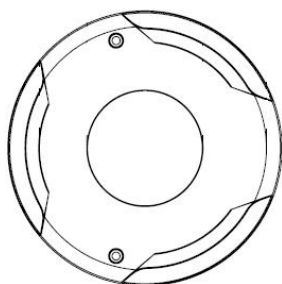
This high definition camera is powered over the network with 802.3af-compliant PoE sources.

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.

Ordering Information

Model	Description
FD68	Network mini-dome fixed camera, Outdoor, 1080p, H.264/MJPEG, IP66



Camera

Image sensor	1/2.7" CMOS (1920x1080)	
Progressive scan	Yes	
Video Streaming	Simultaneous H.264 + MJPEG	
Resolution/Frame Rate	H.264	MJPEG
Single stream	1920x1080@30fps	1920x1080@30fps
Dual Stream	720p@30fps	720p/D1/ CIF@30fps

Video Compression	H.264 Main Profile/MJPEG
Minimum illumination	0.6 lux color
Shutter speed	1 ~ 1/10000 s
Signal-to-noise Ratio	>40dB
Lens type	fixed iris
Lens mounting	4 mm, F1.5

Image Control

Brightness	Manual
Exposure	Auto/Manual
White balance	Auto/Manual
Sharpness	Manual
Contrast	Manual
Saturation	Manual
Hue	Manual
AGC	Auto
Rotation	Flip, mirror, and 180° rotate

Functions

Motion detection	On/Off
Privacy masks	2
On-screen display	Date, Time, and Title (20 characters)

Audio

Uni-directional	
Compression	Mic-In (4 pin barrel connector) G711/G726

Storage

Micro SD card, 32GB

Network

Interface	10/100 Ethernet (RJ-45)
Protocol	TCP/IP, UDP, RTP, RTSP, HTTP, ICMP, FTP, SMTP, DHCP, NTP, PPPoE, UPnP, and IGMP
Password levels	User and administrator
Internet browser	Internet Explorer (6.0+)
User accounts	20

Mechanical

Dimension	Ø116.9 x 50 mm (Ø4.60 x 1.97 in.)
Weight	200g (7.03 oz)
Bubble	Polycarbonate
Cover	Polycarbonate/ABS blend
Mount	Surface Mount
Color	White (RAL9003)
Connectors	RJ-45/3 pin barrel via 1.5meter waterproof harness

Environmental

Operating Temperature	-10°C to +50°C (-14°F to +122°F)
Relative Humidity	10-90% as long as there is no condensation

Ingress Protection	IP66
Impact Rating	IK10

Powering

Power consumption	3.8W
Power	802.3af Power over Ethernet
Power connector	RJ-45



The quality management system utilized in the development, production, sales and support of this product is ISO 9001:2008 certified by LRQA.

©Optelecom-NKF Version: August 2010 V1 (Second Edition) – Preliminary - Subject to modification