SIQURA

ECO-PLUG

Ethernet over Coax 100Mb SFP Module

DESCRIPTION

The Siqura ECO-plug is a unique SFP module for Ethernet over coax. It enables Siqura IP cameras to stream over coaxial cables.

FEATURES

Ethernet extender over coax up to 720m

100 Mb SFP compatible

Hot-swappable

Compliant with IEEE 802.3 Ethernet standard

Fully transparent 100BaseT Ethernet

Auto Back Focus, Auto Focus

Supports direct connection to IP cameras

Description

The Siqura ECO-plug module is the smallest form factor Ethernet over coax extender on the market. It converts legacy analog CCTV systems to state of the art IP video surveillance.

When migrating from analog to IP CCTV, the ECO plug can save you a lot of money. When mounted in Siqura's SFP IP cameras they can be connected directly to the existing coaxial cables. Making use of the existing cabling up to 700 m. At the central point a Siqura XSNet 24-port SFP switch (XSNet S4124SW SFP) can be utilized to covert the signals back to its original 100Mb Ethernet.

Electrical

Interface(s)	Small Form-Factor Pluggable (SFP) Multi-Source Agreement (MSA)-compliant
Power consumption	0.7W
Connector type	1.0/2.3 DIN female 75
Cable impedance	75 typical
Data throughput	100Mbps full-duplex (200Mbps total up and down)

Cable compatibility

Type	Gauge	Core type	Maximum distance*
RG59	23	copper (clad steel)	150-200m (500-650ft)
RG59	20	copper	270-300m (900-1000f)t
RG6	18	copper	400-500m (1300-1600ft)
RG11	14	copper	500-600m (1600-2000ft)
RG11	low loss 14	copper	600-720m (2000-2300ft)
	*: range applies for environments with high to low EMC interference		

LED indicators

Green - solid	Ethernet link on
Green - blink	Power OK, no link
Green - off	No power

Mechanical

Housing	SFP
Cable accessory	1.0 / 2.3 DIN male to BNC

Environment

Operating temperature	-25°C to +60°C (-13°F to +140°F)
Relative humidity	5% to 95% with no condensation

Compatibility

Cameras	BC920, FD920, PD920, HSD820v2H3, BC840-PID(-XT)-SFP, XCU Compact, XCU Fusion, BC840v2
Media converters	XSNet 3300MC SFP
Network switches	XSNet C4104SW, XSNet S4104SW, XSNet S4124SW SFP

Ordering information

ECO-plug SFP	Ethernet over coax, SFP Module, 100Mb with accessory cable, 40cm
ECO-plug kit /40cm	Ethernet over Coax 100Mb SFP Module, incl. 40cm cable

R E L A T E D

Siqura XSNet SFP
SFP modules for Ethernet over fiber

Siqura BC920
IP box camera, 3MP CMOS, Day/night, H.265/H.264/MJPEG P-iris

Siqura FD920
3MP fixed dome, 3-9 mm motorized, H.265/H.264/MJPEG, SFP

TKHSecuritySolutions XSNet S4124 SW SFP
24+4-Port Gigabit Ethernet Switches

TKHSecuritySolutions XSNet 3300MC SFP
10/100/1000Base-TX to 100/1000Base FX SFP Media Converter