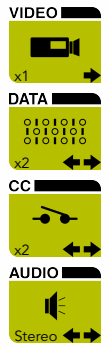


## Features

- Cost-effective multi-codec video decoder
- Supports H.264, MPEG-2, or MPEG-4 formats
- Duplex serial data and stereo audio
- 3-level access control
- SNMP and network time (NTP) support
- Remotely upgradeable



## S-60 D-MC Video decoder

### Description

The unique Siqura® S-60 D-MC multi-codec video decoder decodes most streams effortlessly. With its automatic format detection, it can decode most H.264, MPEG-2, and MPEG-4 streams. It's an open, low latency, and cost-effective decoder solution for IP video CCTV applications producing crystal clear and highly detailed images.

### Audio, data, and I/O contacts

Combining streaming video with duplex audio, serial data, and I/O contacts over IP, the S-60 D-MC provides all the interfaces necessary for any CCTV application (CD-quality stereo audio, lip-sync audio, PTZ control, alarm contacts, access control, etc.). Internal video motion detection (VMD) can be used for automated security solutions or event-triggered storage.

### Fiber option

The S-60 D-MC is available with an optional pluggable SFP slot for direct to fiber connections. The XSNet range of SFP devices offers a variety of multi-mode or single-mode fibre solutions.

### Web interface

Configuration, management, and live viewing are simplified by the access-controlled web interface. Full in-band control is available through the Siqura® MX™ Configuration Tool Kit or the HTTP API. The Siqura® S-60 D-MC is field-upgradeable.



# Technical Specifications

## S-60 D-MC

### Video

Video output	1x PAL/NTSC (Auto/PAL/NTSC)
Input level	1Vpp ( $\pm 3$ dB)
Compression algorithm(s)	H.264 BP (ISO/IEC 14496-10) MPEG-4, MPEG-2 (ISO/IEC 14496-2)
Types of streaming	UDP/IP (multicast and/or unicast)
Output impedance	75 $\Omega$ /Hi-Z selectable
On-screen display	3x text lines (configurable: position, colour, border/outline colour, font size) 1x image in BMP, GIF, or JPEG format (configurable: position, scaling)
Live-view encoder	HTTP, FTP pull
Connector type	75 $\Omega$ BNC (gold-plated center pin)

### Data

Number of channels	2 full-duplex
Number of streams	2 x 3 (multicast and/or unicast)
Interface(s)	1x RS-232, 1x RS-422/485 (2- or 4-wire)
Types of streaming	TCP/UDP/MX configurable
Data rate	300b/s to 230.4kb/s
Connector type	RJ-45

### Contact closures

Number of channels	2x in, 2x out
Number of streams	2 x 3 (multicast and/or unicast)
Output	Fail-safe, potential-free
Connector type	RJ-45

### Transmission interface

Number of interfaces	1
Interface	10/100Base-TX Fast Ethernet, autonegotiation, half-duplex/full-duplex, 10/100 Mb
SFP option	Empty SFP slot for 100Mbps SFP device
Protocols	H.264 BP, MPEG-4 ES, (M)JPEG, RTP, TCP, UDP, IP, DHCP, IGMPv2, (S)NTP, MX/IP, HTTP, SNMP v2, FTP, TelNet, SAP, UPnP
Connector type	RJ-45

### Audio

Number of channels	2 (stereo, full-duplex)
Number of streams	3 (multicast and/or unicast)
Maximum bandwidth	20Hz to 20kHz
Sampling resolution	8/16-bits linear PCM or G.711
Input level	Adjustable, mic or line
Output level	Adjustable, 3Vrms maximum
Input impedance	>20k $\Omega$ or 600 $\Omega$ balanced
Output impedance	<100 $\Omega$ balanced
Connector type	RJ-45

# Technical Specifications

## S-60 D-MC

### Management

LED status indicators	
DC	Power-on indicator (green)
NV	No video on input (red)
Sync	All links are operational (green); failure in RX stream(s) (yellow); failure in TX stream(s) (red)
Ethernet port	Green LED: on = 100Mb, off = 10Mb; amber LED: on = link okay, flashes with activity
Network management and control	SNMP v2, MX™, HTTP API, HTML (password protected)

### Powering

Power consumption	<5W
Rack-mount units	MC 10 and MC 11 power supply cabinets
Standalone units (/SA)	11 to 19VDC (PSA-UN12DC or PSR-12DC)

### Environmental

Operating temperature	-10°C to +60°C (+14°F to +140°F)
Relative humidity	<95% with no condensation
MTBF (mean time between failures)	>200,000 hours
Safety and EMC	IEC/EN 60950-1, IEC/EN 60825, IEC/EN 61000, EN 50130-4, EN 50081-1, EN 55022, FCC part 15

### Mechanical

Dimensions (h x w x d)	128 x 34 x 190mm (5.04 x 1.34 x 7.5in)
Weight	450g (15.80oz)
Housing	Rack-mount or standalone

### Ordering information

Models	Description
S-60 D-MC	Multi-codec video decoder with audio, data, and CCs
S-60 D-MC-SFP	Multi-codec video decoder with audio, data, and CCs; empty 100MB SFP slot
S-60 D...../SA	Standalone version of rack-mount models



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

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