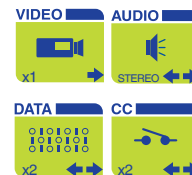
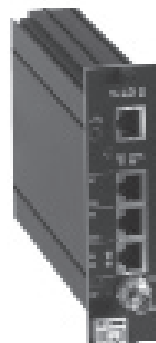


Features

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



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 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, PTZ control, alarm contacts, access control, etc). The balanced audio inputs/outputs are suitable for all industrial audio systems.

Fiber Option

The S-60 D-MC is available with an optional pluggable SFP slot for connections via fiber optic cable (/SFP). A range of multimode or single-mode XSNet™ SFP devices fit the empty SFP slot.

Web Interface

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

Ordering Information

Model	Description
S-60 D-MC	Multi-codec video decoder w/audio, data, & CCs
S-60 D-MC-SFP	Multi-codec video decoder w/audio, data, & CCs, empty 100MB SFP slot
S-60 D...../SA	Stand-alone version of rack-mount models

S-60 D-MC

Technical specifications

Video decoder

Video		Transmission Interface	
Video Channels	1x PAL/NTSC (Auto/PAL/NTSC)	Number of interfaces	1
Input level	1 Vpp (± 3 dB)	Interface	10/100Base-TX Fast Ethernet, Auto Negotiation, half-duplex/full-duplex, 10/100 Mb
Compression algorithm	H.264 BP (ISO/IEC 14496-10) MPEG-4 (ISO/IEC 14496-2, ISMA comp.)	SFP option	Empty SFP slot for 100 Mbps SFP device
Type of streaming	UDP/IP (multi- and/or unicast)	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
Number of output streams	Up to 20	Connector type	RJ45
Input impedance	75 Ω /Hi-Z selectable	Management	
Resolution	D1, 1/2D1, 2CIF, CIF, QCIF, VGA	Led status indicators	Power-on indicator (green)
GOP structure	I, IP	DC	No video on input (red)
Frame rate	1 to 30 fps	NV	All links are operational (green); failure in RX stream(s) (yellow); failure in TX stream(s) (red)
Video Overlay	3x Text lines (configurable: position, color, border/outline color, font size), 1x image in BMP, GIF, or JPEG format (configurable: position, scaling)	SYNC	Green LED: on=100 Mb, off=10 Mb; Amber LED: on=link okay, flashes with activity
Live View encoder	HTTP, FTP pull	Ethernet port	SNMP v2, MX™, HTTP API, HTML (password protected)
Connector type	BNC 75 Ω (gold-plated center pin)	Network management & Control	
Audio		Powering	
Number of channels	2 (stereo, full-duplex)	Power consumption	<5W
Number of streams	3 (multi- and/or unicast)	Rack-mount units	MC10 and MC11 power supply cabinets
Maximum bandwidth	20 Hz to 20 kHz	Stand-alone units (/SA)	11 to 19 VDC (PSA-12 DC/25 or PSR-12 DC)
Sampling resolution	8/16-bits linear PCM or G.711	Environmental	
Input level	Adjustable, mic or line	Operating temperature	-10°C to +60°C (+14°F to +140°F)
Output level	Adjustable, 3 Vrms max.	Relative humidity	<95% as long as there is no condensation. >200,000h
Input impedance	>20 k Ω or 600 Ω bal.	MTBF	IEC/EN 60950-1, IEC/EN 60825,
Output impedance	<100 Ω bal.	Safety & EMC	IEC/EN 61000, EN 50130-4, EN 50081-1, EN 55022, FCC part 15
Connector type	RJ 45	Mechanical	
Data		Dimensions (h x w x d)	128 x 34 x 190 mm (5.04 x 1.34 x 7.5 in.)
Number of channels	2 (full-duplex)	Weight (approx.)	450g (15.80 oz.)
Number of streams	2x 3 (multi- and/or unicast)	Housing	Rack-mount or stand-alone (/SA)
Interfaces	1x RS232 1x RS422/485 (2- or 4-wire)		
Stream	TCP/UDP/MX configurable		
Data rate	300 b/s to 230.4 kb/s		
Connector type	RJ45		
Contact Closure			
Number of channels	2x in, 2x out		
Number of streams	2x 3 (multi- and/or unicast)		
Output	Fail-safe, potential-free		
Connector type	RJ45		



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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