Features

- Compact multichannel HD decoder
- Multicodec support (MJPEG, MPEG-2, MPEG-4, H.264)
- 2x Mini DisplayPort / HDMI
- Audio support
- Intuitive REST API for remote control
- Compatible with all Siqura cameras and video encoders
- 2x Full HD or 9x Full D1
- Vesa mount

VIDEO
x10

VIDEO
HDTV

AUDIO
STEREO

SUPPORT
Onvif

S620 D
Universal HD decoder

Description

The Siqura S620 D universal decoder displays different format video from full HD (1080p) to standard definition (D1, CIF) on a widescreen LCD or LED monitor. It can decode up to 2x full HD H.264 streams and multiple D1 streams. The S620 D acts as a stand-alone decoder and can be configured using its easy-to-use web interface.

Compatibility
The universal decoder supports every camera or encoder which is ONVIF compatible and can connect to most devices based on RTSP or multicast. It is fully compatible and tested with all Siqura branded cameras.

Video and audio
The decoder is fitted with two Mini DisplayPort outputs, which can drive two large screens in different lay-out options. Mini DP output can be converted to HDMI using the supplied adapters. One output may act as spot monitor (1 image), while the other shows all images (2x2 or 3x3 layout, for example). Lip sync audio is available via the Mini DisplayPorts and a front panel analogue audio jack.

Design
The compact decoder is based on a 5th generation Intel Core i-3 with stunning graphics and CPU power performance, while the dissipation is kept remarkably low. Designed for 24/7 operation, the decoder is extremely reliable. The small box can easily be mounted on the back of a monitor using the included VESA bracket.

Interfaces
The decoder is controlled by its web interface, ONVIF, and an HTTP based API.

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Technical Specifications
S620 D

Video	
Video output	2x Mini DisplayPort (v1.2)
Resolution	2560x1600, 1920x1080, 1680x1050, 1440x900, 1280x1024, 1280x800, 1024x768, 800x600
Performance	Max. 2 x 1080p or 4 x 720p or 9 x D1
Compression algorithm(s)	H.264 BP, MP, and HP (H.264/MPEG-4 AVC)
	MPEG-4 SP and ASP (H.264/MPEG-4 AVC)
	MPEG-2 MP@ML, TS/ES (ISO/IEC 13818)
Types of streaming	RTP, RTP/RTSP
Video overlay	Text lines (font, font size, font colour, position, background colour)
Live view	Via monitor(s)

Audio	
Number of channels	2 (Separate audio channels, one for each Mini DP output)
Streaming capabilities	RTP
Maximum bandwidth	100 Hz to 8 kHz
Sampling resolution	G.711 (PCM, A-law, μ-law)
Output connector (front panel)	Analogue audio jack (speakers/headphones)
Output connector (back panel)	2x Mini DP

Network	
Number of interfaces	1
Interface	10/100/1000Base-TX
Protocols	H.264 BP/MP/HP, MPEG-4 ES, (M)JPEG, RTP, TCP, UDP, IP, DHCP, IGMPv2, (S)NTP, HTTP, SNMP v2, ONVIF
Connector type	RJ-45

Management	
Ethernet port	Link LED (green): off = LAN link not established; on = LAN link established; blinking = LAN activity occurring
	Data rate LED (green/yellow): off = 10 Mb/s; green = 100 Mb/s; yellow = 1000 Mb/s
Network management and control	HTTP REST API, web interface

Powering	
Power consumption	<65 W
Inline power supply	19 V out; 110-240 Vac, 50/60 Hz input

Environmental	
Operating temperature	0 °C to +50 °C (+32 °F to +122 °F)
Relative humidity	<95% No condensation

Mechanical	
Dimensions (h x w x d)	48.7 x 115 x 111 mm (1.9" x 4.5" x 4.4")
Weight	0.596 kg (1.31 lb)
Mount	VESA

Ordering information

Models	Description
S620 D	Universal HD decoder (1080p)