

digiled LightSlice 10mm

Creative limitations exist only in your head!



Full video pixel slice, offering the ultimate creative solution, with versatile rig & mounting options. Perfect for TV, live events and exhibition sets. Designed in the UK using Japanese components and assembled in Korea.

Contact T +44 0 20 7381 7840 info@digiled.com www.digiled.com

MODULE SPECIFICATIONS - LightSlice

Product Name		LightSlice 500	LightSlice 1000	LightSlice 1500
LEDS				
LEDs Per Pixel			3	
Red Wavelength (Dominant)	nm		620	
Green Wavelength (Dominant)	nm		520	
Blue Wavelength (Dominant)	nm		465	
LED Type		SMD Sander		
PIXELS				
Pixel Configuration		1R1G1B		
LEDs Per Slice	LED/m	96 (2 x 48)	192 (2 x 96)	288 (2 x 144)
Physical Pixel Pitch	mm	10.42		
Physical Pixel Resolution (Width)	pixels	48	96	144
Physical Pixel Resolution (Height)	pixels	2	2	2
LIGHTSLICE				
Active Slice Width	mm	500mm	1000mm	1500mm
Active Slice Height	mm	20mm	20mm	20mm
Active Slice Area	m2	0.1	0.2	0.3
Slice Depth	mm	71		
Slice Depth with Staple Gun	mm	100		
Slice Weight	kg	0.75	1.5	2.25
Slice Weight with Staple Gun	kg	1	1.75	2.5
Viewing Angle - Horizontal	degrees	170		
Viewing Angle - Vertical	degrees	170		
Ingress Protection (Front)		IP65		
Ingress Protection (Back)		IP65		
Slice Material and Surface Finish		Extruded aluminium with black powder coating		
Storage Temperature Range	degree C	-20 to +65		
Operating Temperature Range	degree C	-15 to +65		
Operating Humidity Range	%	0 - 100		
COLOUR				
Processing Depth	bit	16		
Refresh Rate	Hz	2,400		
BRIGHTNESS				
Brightness	nits	>5,500 at 10mm w x h pitch		
Brightness Control	*	Auto / Manual / DMX / Artnet		
POWER				
Input Voltage	VAC	100 - 250		
Input Power (Frequency)	Hz	50 - 60		
Input Power (Average)	watts/linear metre	15		
Input Power (Maximum)	watts/linear metre	45		
Brand of Power Supply		Cosel		
OTHER				
Lifespan	hours	100,000		
Computer System Type		PC free (Navigator NV), full software WIN XP, 7, 8		
Video Input		DVI, HDMI		
Video Monitoring		Active signal loop through		
Power Connectors		Neutrik PowerCon TRUE1		
Data Connectors		Neutrik PowerCon TRUE1		

* Additional sensor needed for Auto

All specifications are correct at time of print, however they are liable to change and should be confirmed at point of order.



Broadcast quality video slice in a robust, versatile, waterproof package



Bespoke, unique, original, custom-made: The digiLED LightSlice is ideal for indoor and outdoor events where set designs require creative video solutions which don't conform to the module & panel format of standard LED screens.

In its native form the slice's 10mm pixel pitch allows the construction of a true 10mm display surface, but that's not the point really. LightSlice comes into its own when creating variable pitch displays, stunning video effects and organic shapes that complement stage and set design. The digiLED Navigator NV does the clever bit and makes sure your content is perfectly mapped on the display, however mad your idea.

Resolutions can be scaled to any custom requirement based on array alignment, and with six different mounting methods, the LightSlice can be attached to truss, decking, catenary, scaffolding or custom structures.

How big can you make it?

How big do you want it?

Placed end to end, many kilometres of LightSlice can be addressed and a display can be as big as you want with multiple Navigator NVs keeping everything under control.

The innovative design means there's no need for expensive, noisy external control boxes, slave units or power supplies. Instead, Japanese micro-PSU and data cards are integral to the Staple Gun which are loaded into the chassis of the LightSlice as required. Less to ship, less to rig and less to worry about.

Having said that, if there is ever an issue with the system, it's just a case of clicking in a new Staple Gun to give fresh power and data, and that's a 5 second job!

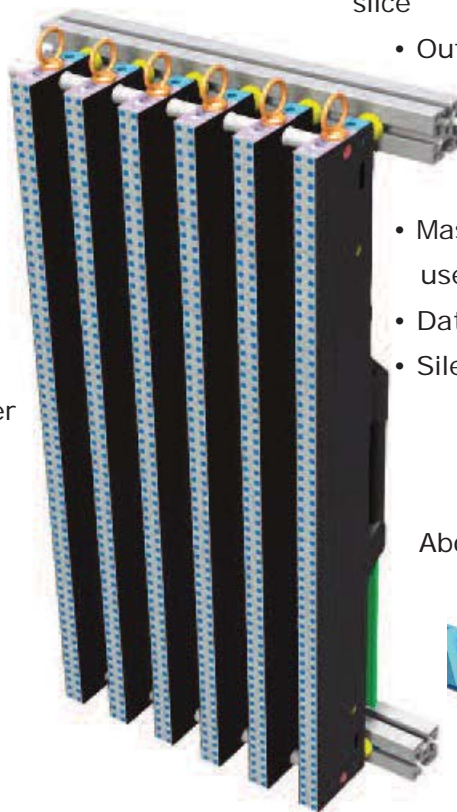


Standard System Accessories

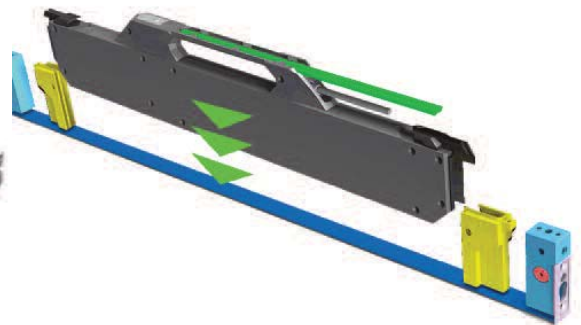
- Magnetic mounting system
- Magnetic aligning system
- Rexroth extrusion mounting system
- X, Y & Z plane M6 mounting sockets
- Cable tie & ratchet strap mounting options
- Secondary safety lanyard
- Staple gun (removable power/data pack)
- Dummy staple gun (slave power/data pack for long arrays)
- digiLED Navigator–NV screen controller
- digiLED 8-way data splitter
- digiLED 8-way power splitter
- Neutrik PowerCon True1, 8 way power looms

All you need for creative display applications

- True 10mm pixel pitch
- 20 mm pixel pitch operating mode
- Spacer blocks (various sizes)
- User programmable pixel pitch from slice to slice
- Outdoor IP65
- Genuine Neutrik power and data
- Hotswap Staple Gun power and data pack
- Master and slave options for economic use of hardware
- Data daisy chain up to 520 links
- Silent, fan free system



Above left; Rexroth hanging support



Right: Hot swap Staple Gun



Below spacer blocks (various sizes)

