LightSlice 10mm
Creative limitations exist only in your head!

digiLED

10mm PIXEL PITCH	**20mm** PIXEL PITCH	**IP65**	SILENT	CURVEABLE	TV MODE	WIDEVIEW	CREATIVE

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.

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MODULE SPECIFICATIONS - digiLED **LightSlice**

LEDS		10mm 0.5 metre	10mm 1 metre	10mm 1.5 metre
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 per linear metre		15	
Input Power (Maximum)	watts per linear metre		45	
Brand of Power Supply			Cosel	
OTHERS				
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	
Price Per Unit		**$225**	**$375**	**$525**
Power/Data Pack			**$525** (Dummy Gun $60)	
* Additional sensor needed for Auto				

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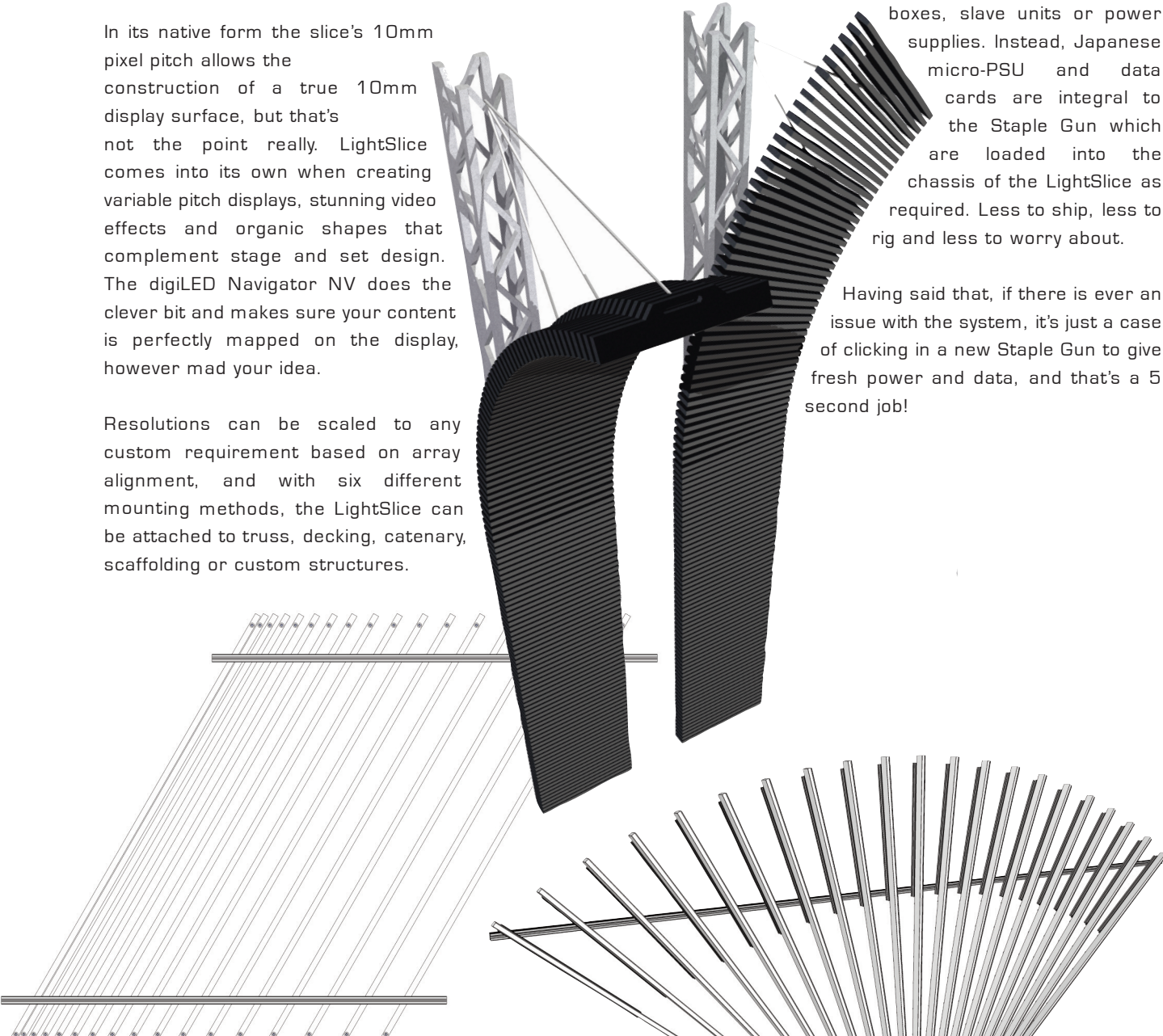
Resolutions can be scaled to any custom requirement based on array alignment, and with six different mounting methods, the LightSlice can be attached to truss, decking, catenary, scaffolding or custom structures.

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!
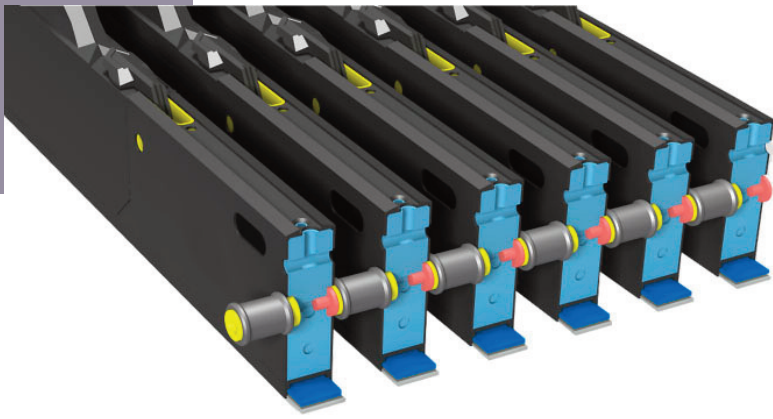
Diagrams show rigging adaptions including fan array, curved in 2 planes, progressive spaced and staggered.
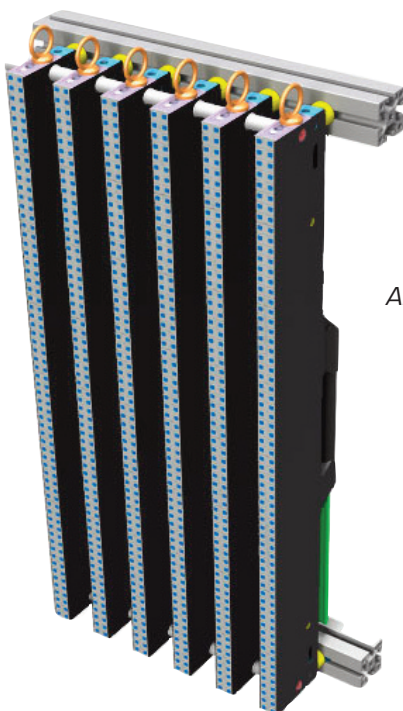
Left; spacer blocks (various sizes)
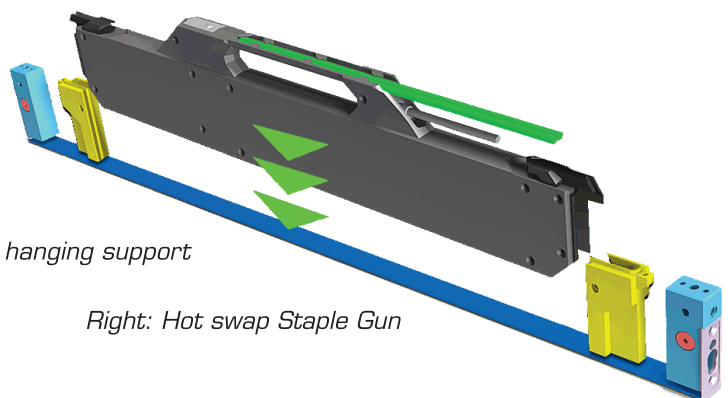
Standard system accessories:

- 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

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