

Overview	Features	Indoor		Outdoor	
Mechanical	Model Name	S2	S3	S4	S4O
	Structure type	Slender Fix/Rental	Slender Fix/Rental	Slender Fix/Rental	Slender Fix/Rental
	Physical pitch	2.9mm	3.9mm	P4.8mm	P4.8mm
	Model Number	VFI2.9BLT	VFI3.9BLT	VFI4.8BLT	VFO4.8BLT
	Tile Material	Magnesium alloy painted	Plastic injection		
	Weight per cabinet / Square meter (Kg)	8.9 / 35.6	8.7 / 34.8		
	Cabinet Surface (SQM)	0,25			
	Standard Cabinet Size (WxHxD) (mm)	500 x 500 x 91 (custom design available )			
	Standard Cabinet Size (WxHxD) (mm)	172 x 172	128 x 128	104 x 104	
	Cabinet Flatness (mm)	<= 0.1			
	Pixel Density (SQM)	118 336	65 536	43 264	
	Tile Size (mm) L x H	250 x 250 (2 x 2 per panel)			
	Tile Resolution (pixels)	86 x 86	64 x 64	52 x 52	
	IP Grade IP 66	IP 43 Standard, Op onal IP62 with Nano Coa ng			IP 66
Technical	Voltage	110/220VAC, 50-60HZ			
	LED Type	3 in 1 SMD 1515 True Black			3 in 1 SMD 2727 black body
	Power Supply Unit	Dual mean well Power backup system			
	Power Supply Redundancy	Yes with Dynamic Brightness Management technology			
	Data Line Redundancy	Yes (Real Time Watchdog Monitoring) data and fault log and pixel check func on op onal			
	AV-input	DVI Dual link / HDMI 1.4 - HD4K op onal on LDU9000			
	Gamma	Dynamic Gama single Map 1.8 2.0 2.1 2.2 and custom on independent color			
	Operating Humidity Range	0-90%			
	Grayscale	20 bit			
	Refresh Frequency	>4000HZ on MSB and LSB Grey scale and special proprietary cross scanning technology.			
	Brightness Control	100 levels bu manual control or scheduler / 256 levels by light sensor ( Op onal UDP command for external control through TCPIP )			
	White Balance Brightness at 6500K after Calibration	1500 Nits			4500 Nits
	Operating Temp. Range	-30 to 65°C			
	Scanning Mode	1/12	1/8		
	Color Temperature	3200K to 9500K (4 fix Presets and 1 Custom)			
	Dot Brightness Calibration	Yes ( Using Radian Camera, Stored In Tiles with auto calibra on for easy maintenance ) Real me user selectable HD2K or HD4K color space. Self user es color space adjustment without calibra on camera.			
	Brightness Uniformity	+-2%			
	Color Calibration	Patented exclusive HD2K or HD4K user selectable with calibra on stored in es.			
	Chroma Uniformity	+- 0.002 ( Cx, Cy )			
	Frame Rate Hz	50 / 60 / 100 / 120 op onal 240 and 3D ac ve processing			
	Typical lifetime	>= 100 000 hrs MTBF 25 000 hrs			
	Maintenance Access	Rear (Front Access Op onal)			
	Viewing Angle	>= 170° x 170°			
	Directivity Angle (viewing angle at 50% brightness)	140° x 140°			
	LED Binning Wavelength	+/- 1.5Nm			
	LED Binning Brightness	+/- 2.5%			
	MAX Thermal load BTU (per cabinet)	127			204
AVG. Thermal load BTU (per cabinet)	42			66	
Control System	LDU2800-8000 ( Video encoder)	2-4 Gigabyte output with full redundancy between controllers , 20bit color processing. Op onal Offline player built in, NTCIP, Artnet			
Power Consumption	Maximum (per cabinet) W/h	127			225
	Average (per cabinet) W/h	42			75