

digiLED VHRI SERIES



- 1.2mm PIXEL PITCH
- 1.27mm PIXEL PITCH
- 1.4mm PIXEL PITCH
- 1.6mm PIXEL PITCH
- 1.9mm PIXEL PITCH
- 2.4mm PIXEL PITCH
- 2.5mm PIXEL PITCH
- LIGHTWEIGHT
- LOW NOISE
- WIDEVIEW
- HIGH CONTRAST
- CE EMC US & EU CERTIFIED

CE Certified, lightweight, silent modules, manufactured to high tolerances to create super-smooth hi-res displays with remote diagnostics and breathtaking contrast.

MODULE SPECIFICATIONS - digiLED VHRI SERIES

		VHRI 1270	VHRI 1490	VHRI 1690	VHRI 1935	VHRI 2480	VHRI 2540
LEDS							
Physical Pixel Pitch	mm	1.270	1.490	1.690	1.935	2.480	2.540
LEDs Per Pixel		1R1G1B					
Red Wavelength (Dominant)	nm	620					
Green Wavelength (Dominant)	nm	520					
Blue Wavelength (Dominant)	nm	465					
PIXELS							
Pixel Configuration		3-in-1 SMD					
Physical Pixel Resolution (Width)	pixels	512	360	192	168	216	128
Physical Pixel Resolution (Height)	pixels	288	320	216	189	192	144
Physical Pixel Resolution (Total)	pixels	147,456	115,200	41,472	31,752	41,472	18,432
Physical Pixels Per Area	pixels/m2	620,084	451,641	350,270	267,048	162,591	155,021
MODULE							
Standard Active Module Width	mm	650.24	476.16	324.48	325.08	535	325.12
Standard Active Module Height	mm	365.76	535.68	365.04	365.715	476	365.76
Standard Active Module Area	m2	0.2378	0.2546	0.1184	0.1189	0.2546	0.1189
Module Depth	mm	88	78	90	90	78	90
Module Weight	kg	7.8	9	4.5	4.5	9	4.5
Pixel Resolution - Tile (Width)		128	338	96	82	TBC	64
Pixel Resolution - Tile (Height)		96	380	72	64	TBC	48
LED Tile Width	mm	162.56	158.72	162.24	162.54	TBC	162.56
LED Tile Height	mm	121.92	133.92	121.68	121.905	TBC	121.92
Viewing Angle - Horizontal	degrees	160					
Viewing Angle - Vertical	degrees	160					
Ingress Protection (Front)		IP30					
Ingress Protection (Back)		IP30					
Surface Finish		Aluminium					
Access & Servicing		Front & Rear					
Storage Temperature Range	degree C	-20 to +50					
Operating Temperature Range	degree C	0 to +50					
Operating Humidity Range	%	10 to 90 Non-condensing					
COLOUR							
Processing Depth	colours	16 bit					
Refresh Rate	Hz	3,840	1,920/3,840	3,840	3,840	1,920/3,840	3,840
Contrast Ratio		3,000:1					
BRIGHTNESS							
Brightness (After Calibration)	nits	>1,000	>800	>1,000	>1,000	>800	>1,000
Brightness Control		Programmable/Auto/Manual					
POWER							
Input Voltage	VAC	110/250					
Input Power (Average)	watts/m2	240	141	200	160	260	133
Input Power (Maximum)	watts/m2	720	470	600	480	700	400
OTHER							
Lifespan	hours	100,000					
Video Input		DVI, HDMI					
System Type		NovaStar					
Connectors		N/A					
Pixel Calibration		Yes					
Certification		N/A					

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



When you need the best

The digiLED VHRi Series offers some of the tightest pixel pitches currently available in today's LED display market. These super hi-res displays result in viewing distances being shortened to just 1 metre and an off angle performance of up to 160° (without colour shift). Couple that with digiLED's legendary image reproduction, featuring 16 bit greyscale, refresh rates up to 1,920 and 3,840Hz and high contrast ratios and the VHRi is the clear choice for applications where only the best will do.

All you need for the fixed installation market

- Super bright for even well lit indoor applications
- Low power consumption
- Minimal heat output
- Silent, fanless system
- Fully calibrated for true uniformity
- Ultra thin, lightweight module design
- High tolerances for seamless displays
- Remote automated diagnostics



Standard system accessories

- digiLED Navigator screen interface
- digiPRO & PRO HD processors
- digiAD content management system
- Installation structures

