

digILED VHRi SERIES

1270, 1690, 1935 & 2540



1.27mm
PIXEL PITCH

1.6mm
PIXEL PITCH

1.9mm
PIXEL PITCH

2.5mm
PIXEL PITCH

LIGHTWEIGHT

LOW NOISE

WIDEVIEW

HIGH
CONTRAST

FCC 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.

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MODULE SPECIFICATIONS - digiLED VHRI SERIES

		VHRI 1270	VHRI 1690	VHRI 1935	VHRI 2540
LEDS					
LEDs Per Pixel				3	
Red Wavelength (Dominant)	nm		620		
Green Wavelength (Dominant)	nm		520		
Blue Wavelength (Dominant)	nm		465		
PIXELS (Tile)					
Pixel Configuration		3-in-1 SMD			
LEDs Per Area	LED/m2				
Physical Pixel Pitch	mm	1.27	1.69	1.935	2.54
Physical Pixel Resolution (Width)	pixels	256	192	189	144
Physical Pixel Resolution (Height)	pixels	288	216	168	128
Physical Pixel Resolution (Total)	pixels	73,728	41,472	31,752	18,432
Physical Pixels Per Area	pixels/m2	620,001	350,127	267,078	155,000
MODULE					
Standard Active Module Width	mm			325	
Standard Active Module Height	mm			365	
Standard Active Module Area	m2			0.1186	
Module Depth	mm			115	
Module Weight	kg			4.5	
Pixel Resolution - Tile (Width)		96	72	64	48
Pixel Resolution - Tile (Height)		128	96	84	64
LED Tile Width	mm			162	
LED Tile Height	mm			121	
Viewing Angle - Horizontal	degrees			160	
Viewing Angle - Vertical	degrees			160	
Ingress Protection (Front)				IP30	
Ingress Protection (Back)				IP30	
Surface Finish				Aluminium	
LED Fixings				Fixed (front access optional)	
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			1,920	
BRIGHTNESS					
Brightness (After Calibration)	nits			> 1,000	
Brightness Control				Programmable/Auto/Manual	
POWER					
Input Voltage	VAC			110/250	
Input Power (Average)	watts/m2	420	420	400	270
Input Power (Maximum)	watts/m2	1,250	1,250	1,200	800
OTHER					
Lifespan	hours			100,000	
Computer System Type				PC Win7, Vista, XP	
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 1,920Hz 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

