

UHD261056

Optimised 4K UHD LED display - 10 x 5.6m (452" diagonal)



- High calibre, high-resolution indoor UHD 4K LED display
- Easy installation and maintenance surface mount and front access
- Ultra-thin panel depth discreet, space-saving design
- Best in class processing and switching HQUItra technology

Optoma is the one-stop solution provider for projection and LED displays with its range of 4K UHD, Full HD and custom LED displays.

The ultra-thin, 16:9 native aspect ratio 4K UHD LED displays blend discretely into any corporate, higher education, hospitality and digital signage environment.



Specifications

Screen	
Screen resolution	UHD (3840x2160)
Screen size (diagonal)	452"
Screen size	10000 x 5625
Minimum viewing distance	2.6m
Brightness (before	800 nits
calibration)	GOO HILO
	000 str
Brightness (after	800 nits
calibration)	
Contrast	4000:1
Dimensions (W x D x H)	10000 x 54 x 5625
mm	
Screen processing	
Scaler-switcher	LS200T
Sender	CTRL4K
	UINL4K
LEDs	
Pixel pitch (H x V)	2.604mm
LEDs per pixel	1R1G1B
Red wavelength	620nm
(dominant)	
Green wavelength	520nm
(dominant)	5201111
	405
Blue wavelength	465nm
(dominant)	
Pixels	
Pixel configuration	SMD 3-1
LED face colour	Black
LED size	SMD2020
Pixel resolution (width)	192 pixels/module
Pixel resolution (height)	108 pixels/module
Pixels per area	147,456 pixels/m2
Module	
Active module width	10,000mm
Active module height	5,625mm
*	
Standard active module	0.1406m2
area	1000
Viewing angle - horizontal	>160°
Viewing angle - vertical	>160°
Ingress protection (front)	IP43
Ingress protection (back)	IP21
	Front access
LED fixings	
Storage temperature range	-10 - +50°C
Operating conditions	10 - 90 non-condensing
Operating temperature	-10°C
(min)	
Operating temperature	50°C
(max)	
Colour	
Greyscale processing	16 bits
depth	
	281 (trillions)
Number of colours	281 (trillions)
Refresh rate	>3840 Hz
Brightness	
Brightness (before	800nits
calibration)	
Brightness (after	800nits
calibration)	
Contrast ratio	4,000
Brightness control levels	256
Power	70
Input power (max)	72watts per panel
Power supply	110~240
Other	
Mechanical alignment	x/y/z (x/y/z planes)
adjustment	
Mitering	-90°
Mounting frame	Optional
	Ομιντα
Connectivity	
Connections	Inputs 2 x HDMI UHD 4K, 1 x HDMI FHD 1080P, 1 x
	DVI/HDMI, 1 x HDBaseT 4K, 1 x DisplayPort 4K, 1 x
	Component input via DVI-U, 1 x Composite video, 2 x 3G-
	SDI, 1 x VGA, 1 x RJ45 streaming, 2 x Microphone, 6 x
	Stereo analogue audio
	Outputs 1 x DVI/HDMI, 1 x HDMI UHD 4K, 1 x HDBaseT
	4K, 1 x Speaker
	Control 1 x RS232, 1 x RJ45
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