

UHD20845

Optimised 4K UHD LED display – 8 x 4.5m (361" diagonal)



- High calibre, high-resolution indoor 4K UHD 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.

Easy to install, operate and maintain, they are designed for ultimate reliability and superior image quality.

The LED displays can be mounted directly onto a suitable wall without a mounting frame. Front access gives fast, low-cost installation and easy maintenance.

Specifications

Opecinications	
Screen	
Screen resolution	UHD (3840x2160)
Screen size (diagonal)	180"
Screen size	8000 x 4500
Minimum viewing distance	2m
Brightness (before	800 nits
calibration)	
Brightness (after	800 nits
calibration)	
Contrast	4000:1
Dimensions (W x D x H)	8000 x 54 x 4500
mm	
Screen processing	
Scaler-switcher	LS200T
Sender	CTRL4K
LEDs	
Pixel pitch (H x V)	2.083mm
LEDs per pixel	1R1G1B
Red wavelength	620nm
(dominant)	
Green wavelength	520nm
(dominant)	
Blue wavelength	465nm
(dominant)	
Pixels	
Pixel configuration	SMD 3-1
LED face colour	Black
LED size	SMD1010
Pixel resolution (width)	240 pixels/module
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Pixel resolution (height)	135 pixels/module
Pixels per area	230,400 pixels/m2
Module	
Active module width	8,000mm
Active module height	4,500mm
Standard active module	0.1406m2
area	
Viewing angle - horizontal	>160°
Viewing angle - vertical	>160°
Ingress protection (front)	IP43
Ingress protection (back)	IP21
LED fixings	Front access
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	
Number of colours	281 (trillions)
Refresh rate	>3840 Hz
	20040 TIZ
Brightness	000 '
Brightness (before	800nits
calibration)	000 %
Brightness (after	800nits
calibration)	
Contrast ratio	4,000
Brightness control levels	256
Power	
Input power (max)	104watts per panel
Power supply	110~240
Other	
Mechanical alignment	x/y/z (x/y/z planes)
adjustment	10 y 2 y 0 y 2 pianoo)
Mitering	-90°
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Mounting frame	Optional
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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