CLARITY Series (COB)

WUHD (UltraWide) 16:9 / 21:9 - All-In-One

Maximise your collaboration potential

SCREEN SIZE: 137”, 164”, 205”

RESOLUTION: 5120 X 2160P

PIXEL TYPE: COB COMMON CATHODE

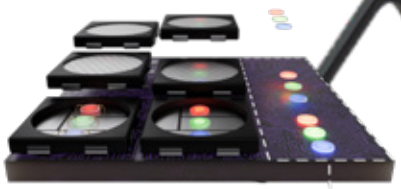
Product Overview

The CLARITY series enhances your viewing experience by supporting both 21:9 ultrawide (2,560 × 2,160) and traditional 16:9 aspect ratios, giving you the flexibility to choose the format that best suits your needs.

The 21:9 widescreen design provides a broader canvas, ideal for ultrawide applications such as widescreen videoconferencing and side-by-side multitasking, maximising collaboration and productivity. At the same time, the 16:9 option ensures compatibility with standard content and setups, offering a versatile solution for any workspace.

Energy Efficient Design

The CLARITY Series integrates cutting-edge COB (Chip On Board) and Common Cathode pixel technology, setting a new standard in display excellence. These advanced technologies not only significantly reduce energy consumption but also remarkably enhance colour performance, offering a superior visual experience.



Reduced Energy Consumption:

COB and Common Cathode technology are more energy-efficient, leading to lower electricity costs and a reduced environmental footprint.

Enhanced Colour Performance:

Enjoy richer, more vibrant colours thanks to the advanced pixel technology, which delivers exceptional colour accuracy and contrast.

Increased Durability:

COB technology enhances the robustness of the display, making it more resistant to damage and and reducing pixel malfunction.

Improved Heat Dissipation:

Common Cathode technology effectively reduces heat generation, ensuring the longevity of the display and maintaining consistent performance.

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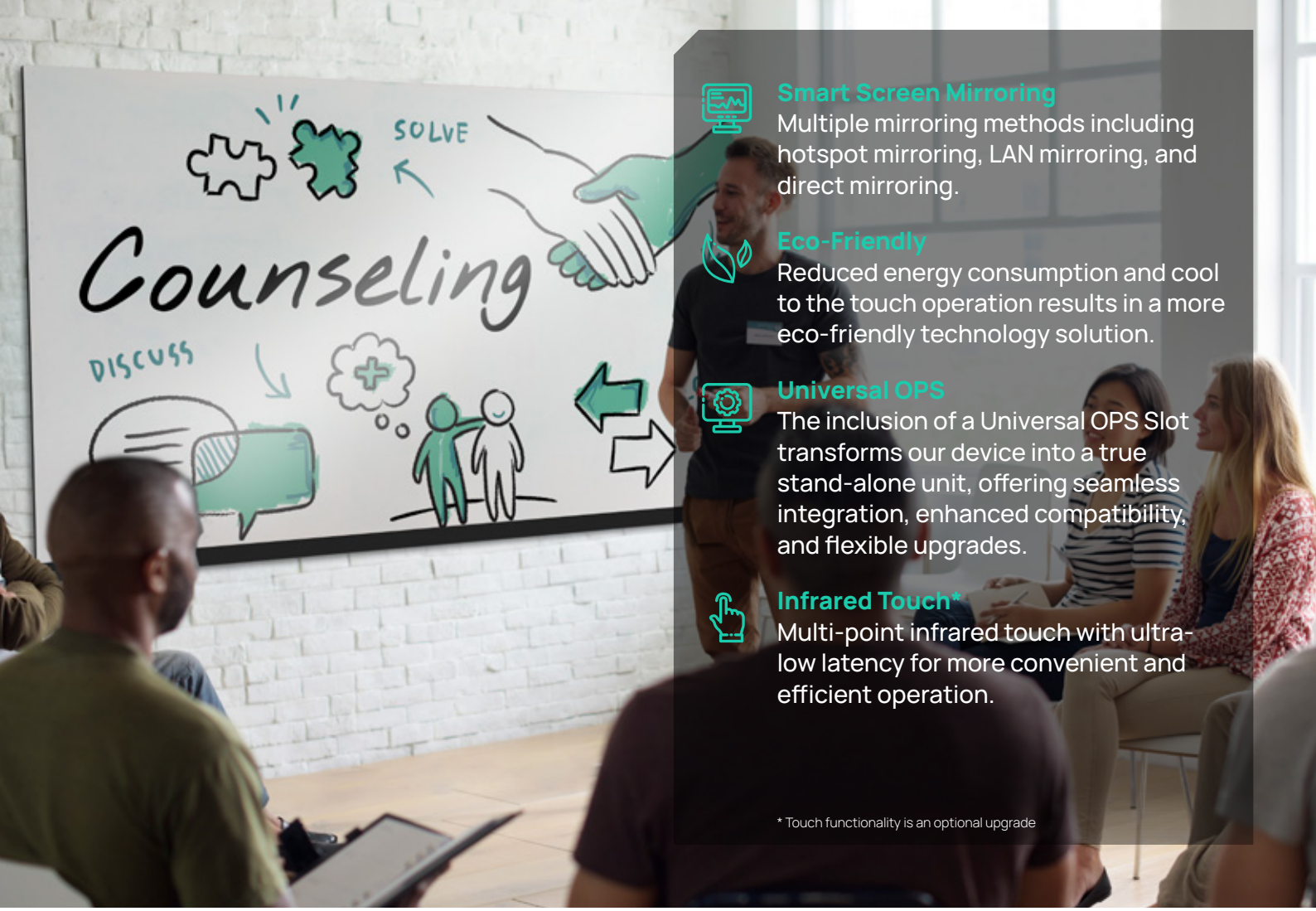


Smart Screen Mirroring
Multiple mirroring methods including hotspot mirroring, LAN mirroring, and direct mirroring.

Eco-Friendly
Reduced energy consumption and cool to the touch operation results in a more eco-friendly technology solution.

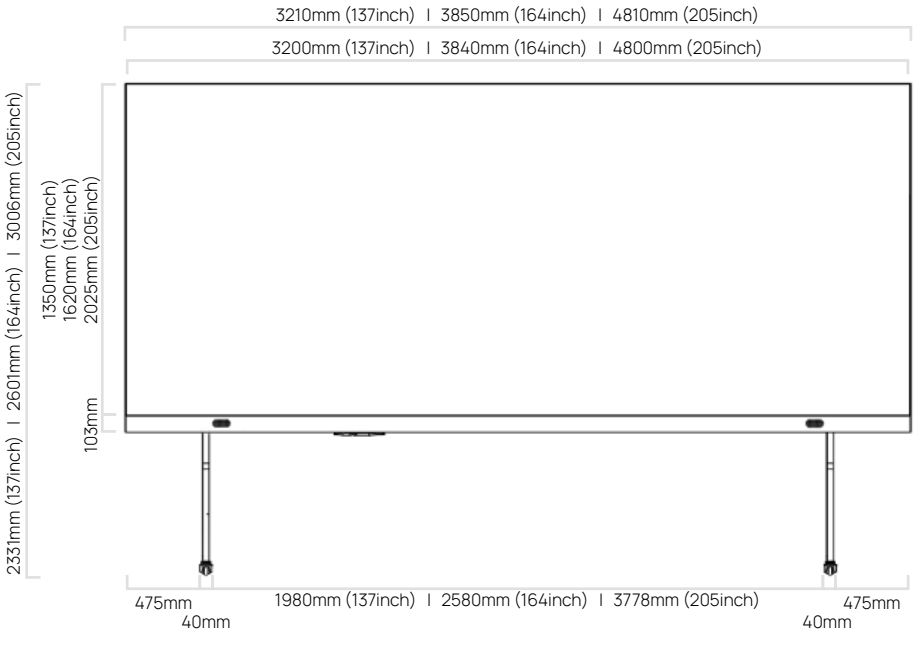
Universal OPS
The inclusion of a Universal OPS Slot transforms our device into a true stand-alone unit, offering seamless integration, enhanced compatibility, and flexible upgrades.

Infrared Touch*
Multi-point infrared touch with ultra-low latency for more convenient and efficient operation.

* Touch functionality is an optional upgrade

Mobile or Wall Mountable:

The CLARITY offers versatility, engineered for both full mobility and secure wall mounting, ensuring it seamlessly adapts to various environments, from dynamic office spaces to sophisticated home settings, providing flexibility and convenience in any location.



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SPECIFICATIONS - CLARITY Series (COB) Flip Chip (Common Cathode)

Core Specifications			
Pixel Pitch	0.6	0.75	0.9
Pixel Configuration	COB	COB	COB
Display Size (mm) (ft'in") (W×H×D)	3200 x 1350 / 10' 5.98" × 4' 5.15"	3840 x 1620 / 12' 7.18" × 5' 3.78"	4800 x 2025 / 15' 8.98" × 6' 7.72"
Display Resolution (pixels) (WxH)	5120 x 2160	5120 x 2160	5120 x 2160
Display Diagonal (in)	137	165	205
Maintenance	Front	Front	Front
Brightness (nits)	1000	1000	1000
Contrast Ratio	25,000:1	25,000:1	25,000:1
Lifetime Hours ≥	Up to 100,000	Up to 100,000	Up to 100,000
Aspect Ratio	21:9	21:9	21:9
Technical Specifications			
Viewing Angle°	160	160	160
Grey Scale (bit)	14	14	14
Refresh Rate* (Hz)	3840	3840	3840
Working Voltage	AC100-240V (50-60Hz)	AC100-240V (50-60Hz)	AC100-240V (50-60Hz)
Scan Rate*	10	10	10
Operating Temperature (°C / °F)	-10 to 60 / 14 to 140	-10 to 60 / 14 to 140	-10 to 60 / 14 to 140
Colour Temperature (K)	5000-7500	5000-7500	5000-7500
Operating Humidity (RH)	10% to 90%	10% to 90%	10% to 90%
Maximum Power Consumption (W/m²) (W/ft²)	980 / 91	980 / 91	980 / 91
Average Power Consumption (W/m²) (W/ft²)	350 / 32.5	350 / 32.5	350 / 32.5
Display Weight (Screen Only) (kg/lbs)	108 / 238.1	156 / 343.9	230 / 507.1
Universal OPS	Yes	Yes	Yes
Power (MAX) - Display	2160	3700	4860
Power (Average) - Display	870	1480	1950

*All data contained is subject to change based on project requirements.
*Scan Rate and Refresh Rate subject to project specifications.
*Average power consumption is subject to display brightness and pixel configuration.

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