

23.6 Inch

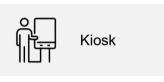
Circular Monitor



The 23.6" circular LED-Framed monitor is a true eye-catcher designed to grab attention in any environment with its unique round form factor - perfect for digital signage applications, gaming machines, or anywhere you want to showcase content in an engaging and memorable way.

Built with an industrial-grade LCD panel offering a crisp full HD resolution of 1280x1280, vibrant colors and clear imagery are optimized for extended commercial/industrial operation.







- · Circular, eye-catching
- LED-Framed, Edge design
- No hot spot, no dark spot, no dark corner, high level uniformity
- True flat, Closed Frame, compatible with various application

- High resolution 1280 × 1280
- RGB/Addressable Modes
- Well sealed, non LED light leakage
- Industrial-grade PCB-mounted LEDs



SPECIFICATIONS

Product Name	23.6 Inch Circular Monitor			
Model	OMR247			
LCD Panel Parameters				
Display Technology	Active Matrix TFT-LCD with LED Backlight			
Aspect Ratio	1:1			
Active Area (W x H)	599.42mm × 599.42mm			
Native Resolution	1280 × 1280 @ 60Hz			
Response Time (Typ.)	14ms			
Display Colors	16.7M			
Luminance (Typ.)	1500nits			
Contrast Ratio (Typ.)	1000:1			
Viewing Angle (Typ.)	Horizontal: CR≥10 89°/89° Vertical: CR≥10 89°/89°			
Screen Parameters				
Cover Glass Treatment	Strengthened			
Cover Glass Surface Treatment	Optional: Anti-glare			
Impact Resistance Level	IK07			
Thickness (Total)	3.0mm			
Light Transmission	≥ 90%			
Overall Parameters				
Case/Bezel Color	Black			
Mounting Options	VESA: 200mm × 150mm			
Outline Dimensions (W×H×D)	690.0mm × 690.0mm × 55.6mm			
Power Supply	Input Voltage Range: Monitor: $+24$ VDC \pm 5%, 4 PIN plug or 6 PIN mating Molex 3901-2060 RGB LED Lights: $+12$ VDC \pm 5%, mating Molex 43025-0600 Optional LED controller (External): $+12$ VDC \pm 5%, Coaxial power jack 2.5mm pin outer diameter			
On Screen Display (OSD)	Control (Back): Power, Auto, Up, Down, Menu			
Power Consumption (Max.)	100W (Monitor without RGB LED Lights) 20W (RGB LED Lights)			
Operating Altitude	≤ 3000m			
Temperature Range	Operating: 0°C to 40°C, storage: -20°C to 60°C			
Humidity (Non Condensing)	Operating: 20% to 80%, storage: 10% to 90%			
I/O	HDMI, DP			



Accessories	Optional	
Carton Box Dimensions	785mm (L) \times 785mm (W) \times 185mm (H), 1 unit in one carton	
Weight	Net: 12.8 kg, Gross: 18.5 kg	
MTBF	50,000 hours demonstrated	
LED Lights Color	Multicolor	
LED Lights Location	Circular lights bar (Front & Edge)	
LED Controller (External)	Optional	
Agency Approvals	CE, FCC, UKCA	
Warranty	3 years	

Ordering Information			
Model	Part Number	Description	
OMR247-R03000-0DBT40-1.0	10205010096R	23.6", circular, 1500 nits, non-touch, HDMI & DP, LED lights Location front & edge	

Optional Accessories		
Model	Part Number	Description
HDMI Cable	30302030001R	HDMI Cable A Male-A Male 1500mm
DP Cable	30302010001R	DP Cable Male-Male 1500mm
LED Controller Kit	20701040010R	12V/50W Addressable LED Controller Kit

Note: Includes a 1000mm LED strip cable.

If you want to design the LED strip cable according to your application, please adopt the unshielded and non-twisted wires. The length should be no more than 2m, and the wire diameter should be more than 20AWG. Please feel free to contact us if you need assistance.

Adapter	30207010024R	Power Adapter 24V/150W /4Pin/1200mm
Power Cable	30301010018R 30301010011R 30301010010R	UK EU 1500mm US