

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.



Gaming



Kiosk



Vending Machine

- 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 ± 5%, 4 PIN plug or 6 PIN mating Molex 3901-2060 RGB LED Lights: +12VDC ± 5%, mating Molex 43025-0600 Optional LED controller (External): +12VDC ± 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) × 785mm (W) × 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-R03000-0DBT40-1.1	10205010215R	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	UK
	30301010011R	EU
	30301010010R	US