Request information

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

Features & Benefits

- 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℃ to 40℃, storage: -20℃ to 60℃
Humidity (Non Condensing)	Operating: 20% to 80%, storage: 10% to 90%
I/O	HDMI, DP

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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 30301010011R 30301010010R	UK EU 1500mm US