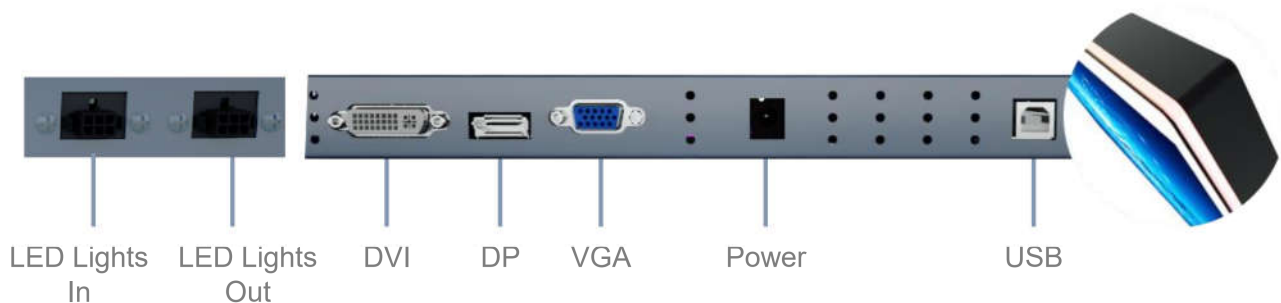## 27 Inch LED-Framed Touchmonitor

OBL277 is an optical bonding LED lights bar touchmonitor. As GT's 7th generation PCAP LED lights bar touch monitor solution, it is ideal for gaming applications and small and large interactive digital signage displays where a fast, accurate and sensitive touch solution is required. The OEM operating system or an external LED driver can control the LED lights to achieve desired color combinations. These monitors are available to attract customers to the latest, largest and most exciting gaming experience possible.

Features & Benefits

- Unique Industrial-grade Design
- High-quality PCB-mounted LEDs, No Dark Corners
- Optical Bonding, Enhances Image Quality
- Accurate PCAP Multi-touch Technology
- Extremely Narrow Border
- True Flat and Black Closed-frame Design
- Customization Possible

| LED Lights In | LED Lights Out | DVI | DP | VGA | Power | USB |

Applications

- Gaming
- SLOT
- Casino

SPECIFICATIONS

Name	27 Inch LED-Framed Touchmonitor (Optical Bonding)
Model	OBL277-RC4000-UP2F30-1.0
LCD Panel Parameters	
Display Technology	Active Matrix TFT-LCD with LED Backlight
Aspect Ratio	16:9
Active Area (W x H)	597.89×336.31mm
Native Resolution	1920×1080@60Hz
Response Time (Typ.)	14ms
Display Colors	16.7M
Luminance (Typ.)	400nits
Contrast Ratio (Typ.)	1000:1
Viewing Angle (Typ.)	Horizontal (left/right) CR≥10 89°/89°
	Vertical (up/down) CR≥10 89°/89°
Touch Screen Parameters	
Touch Technology	Projected Capacitive (PCAP)
Surface Treatment	Tempered or Chemically Strengthened
	Optional: Anti-Glare
Thickness (Total)	3.5mm
Light Transmission	≥83%
Response Time (Typ.)	8ms
Touch Screen Interface	USB
Touch Point	10
Overall Parameters	
Case/Bezel Color	Black
Mounting Options	VESA: 100×100 mm, 75×75mm
Outline Dimensions (W×H×D)	628.0mm × 367.8mm× 57.8mm
Power Supply	Monitor: Input Voltage Range: +12VDC ± 5% RGB LED Lights: +12VDC ± 5% Optional LED controller(external): +12VDC ± 5%
On Screen Display (OSD)	Control (back): Power, Auto, Up, Down, Menu
Power Consumption (Max.)	30W (Monitor without RGB LED Lights) 15W (RGB LED Lights)
Operating Altitude	≤3000m
System support	Win7 or later, Linux 4.4 or later
Display reverse	A/D Board support

Temperature Range	Operating: 0℃ to 40℃, storage: -20℃ to 60℃
Humidity (Non Condensing)	Operating: 20% to 80%, storage: 10% to 90%
I/O	VGA, DVI, DP, USB (Type B）
Accessories	Optional
Carton Box Dimensions (2 units in one carton)	740mm (L) × 275mm (W) × 492mm (H)
Weight	Nct: 9kg Gross: 25kg
MTBF	50,000 hours demonstrated
LED Lights Color	Multicolor
LED Lights Location	3 LED lights bar (Left, Right & Lower side; Front & Edge) See sales chart for details
LED Controller (external)	Optional
Agency Approvals	CE, FCC
Warranty	3 years

Ordering Information

Model	Part Number	Description
OBL277-RC4000-UP2F30-1.0	110303426R	27", 16:9, 400nits, PCAP, USB, VGA/DVI/DP, LED lights Location front & edge, optical bonding

Optional Accessories

Model	Part Number	Description
VGA Cable	130300697R	VGA Cable, 1500mm OD5.8 male to male 15PIN, black
USB Cable	130300224R	USB Cable, 1500mm, male to male
DVI Cable	130300720R	DVI Cable, 1500mm, 18+1pin, male to male
DP Cable	130300932R	DP Cable, 1500mm, 20pin to 20pin, male to male, black
LED Controller Kit	110200887R	LED Controller Kit, 50W
Adaptor	130102978R	KPL-050F-VI 12V/4.17A DC 1500mm ∅ 2.5 50W UL level VI
Power Cable		1500mm
LED Lights Cable	130301924R	6P_20AWG_L1000mm, used to connect other monitor