

27" ECLIPSE DISPLAY 4-SIDED

CLOSED FRAME DISPLAY WITH ADDRESSABLE LEDS

The 27" Eclipse closed frame display is available with **Protective Glass or Projected Capacitive Touch**, featuring LEDs on the sides, combining durability with a striking visual design.

It is developed and manufactured in Eurocoin's European production facilities, ensuring high quality, short lead times, and full local service and support.



FEATURES

- Programmable LED illumination, synchronizable for an enhanced visual experience, controlled via an optional Arduino board or external driver
- Industrial-grade LCD TFT display with glass cover for durability and high performance
- Encased black chassis for a sleek and durable design
- Mounting options: VESA 200×300 mm
- On-Screen Display (OSD) interface for easy settings adjustment
- EPDM rubber gasket around the display for added protection
- Flexible display configuration—usable as a standalone unit or in a multi-screen setup
- Multiple signal input options: VGA, DVI, and DisplayPort

ADVANTAGES

- Manufactured in Europe, ensuring high production standards
- Short lead times with fast delivery from our European warehouses and production line
- Local support for seamless communication and assistance
- Quick service and repair turnaround, thanks to our European-based operations
- Addressable LEDs, fully programmable and synchronizable for dynamic lighting effects
- User-friendly LED programming platform, eliminating the need for coding
- Highly adaptable display configurations, perfect for multi-screen setups with versatile alignment options

INDUSTRY VERTICALS

The 27" Eclipse display is designed for a wide range of industries, offering flexibility and high-performance visuals:

- **Casino Gaming** – Perfect for single, dual, or triple display setups, delivering an immersive and dynamic player experience.
- **Retail & Digital Signage** – Captures attention, enhances customer engagement, and can indicate terminal availability for a smoother user experience.



TECHNICAL SPECIFICATION

Display Characteristics

Screen Diagonal	27"
Aspect Ratio	16:9
Number of Pixels	1920 x 1080
Number of Colours	16.7 M
Luminance	300 nits
Response Time	12 msec
Viewing Angle	89:89:89:89 degree/ °
Contrast Ratio	3000 CR

Electronic Characteristics

AD Board Type	K-1860-27
I/O Ports	DVI/VGA/DP
Voltage	24 V

Mechanical Characteristics

Mounting Points	Back of the frame
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Cover Glass

Cover Glass OD	654.8 mm (H) x 400.4 mm (V)
Cover Glass Active Area	599.6 mm (H) x 338.15 mm (V)
Corner Radius	R4
Glass Thickness	2.8 mm
Combined Dimensions	655.8 mm (H) x 401.4 mm (V) x 50.2 mm (D)

LED

LED Type	SMD5050
LED Voltage	5 V
Number of LED's	60 s/m
LED Orientation	Front facing on all sides
Connector Type	Molex 43020-0600

LED Comparison



LED Driver Options

Arduino KIT	Yes
Option For Internal Mounting	Yes

PCT TOUCH VERSION ONLY

Touchscreen

Touchscreen Type	PCT Touch
Interface	USB
Controller Board	ILITek2510
Maximum Touch Points	10

Supported OS

Windows XP	Mouse Only (Single Touch)
Windows 7/8/10/11	Full Multi Touch
Linux	3.0.8 and over Full Multi Touch
Android	Full Multi Touch
MAC OS	Vv10.11=10,14 Full Multi Touch

Part Number

27" Eclipse 4-Sided with Protective Glass	31161485
27" Eclipse 4-Sided with PCT Touch	31161484

Accessories

Single Arduino Kit (4-sided LED)	17070510
Dual Arduino Kit (3-3 set)	17070515
Triple Arduino Kit (3-2-3 set)	17070520

Available on Request	Arduino Built-In
	Manual
	2D Drawing
	3D Drawing
	Arduino Control Software Tool
	RohS / CE / UKCE

See the **ECLIPSE** closed frame display in action!

Product Video [↗](#)

