

Apex12V

Waterproof Industrial Display



1024 x 768 Resolution



5-Year Warranty



IP66 Fully Sealed



Build Options Available

Display

Screen Diagonal:	12.1" [307mm] Aspect Ratio 4:3
Resolution:	XGA 1024 x 768 @ 60Hz (Native)*
Pixel Pitch:	0.240mm x 0.240mm
Display Area:	245.76mm (H) x 184.32mm (V)
Viewing Angles:	178° (Left/Right) / 178° (Up/Down)
Brightness:	600 cd/m ²
Contrast Ratio:	1000:1
Response Time:	25ms (TR TF)
Colours:	16.7M (262k)
OSD:	Rear-Mounted 'On-Screen Display' User Controls
Video:	Picture-In Picture Mode Tiling function for Video Wall applications Dynamic NR/Advanced Video Processing/Film Mode

Touchscreen Options

With Touchscreen:	10-point Multi-touch Projected Capacitive (PCAP) / 5-wire Resistive
Without Touchscreen	Anti-Glare PolyCarb or Glass
Interface:	USB Touch Interface (Serial Option on Resistive)



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Signal / Connectivity

Signal Connectors: IP66 sealed Composite Video connector | IP66 Sealed VGA 15-pin H-DSUB | IP66 Sealed HDMI
(Option to have Video only or Video + 1 or 2 extra inputs)

Signal Inputs: Composite Video (PAL/NTSC) | RGB Analogue Video | DVI/HDMI 1.3 and 1.4 compliant

(Contact Nemacom for details on connector options and the available cables to maintain the IP66 seal)

Power / Environment

Power Supply: Standard: 100-240V AC input via IP66 M12 connector on monitor
Option: 12V/24V/48V DC input via IP66 M12 connector

Power Consumption: 21W typical**

Power Management: Supports a subset of VESA DPMS standards

Operating Temperature : -20°C to +70°C

Storage Temperature: -20°C to +85°C

Humidity: 10% to 90% Relative Humidity, non-condensing

Physical Attributes

Dimensions / Weight: 6.5kg (approx.)
(For accurate dimensions please contact Sales@nemacom.co.uk)

Housing Material: Standard: Mild steel - RAL 9005 Black textured paint finish
Options: 304/316 Stainless steel | Bespoke paint | Custom sizes | Custom specs.

IP Sealing: All 6 x Sides Sealed to IP66

Options and Extras

Applications: Automation | Manufacturing | Pharmaceutical | Marine | Food Processing

AV Accessories: Nemacom Ltd are an authorised reseller of high quality Kramer products including, Computer Graphics Video Distribution Amplifiers, Video Switchers, Routers and Cables

Certifications

Safety & Approvals: UKCA

Installation

Mounting Options: Metal Cased - 75mm VESA Mount on Rear

Warranty & Support

Warranty: 5 years return to Nemacom

Support: Full UK Product Lifetime Support



* A full list of supported video standards is available on request.

** Approx. reading, contact Nemacom Ltd for an accurate figure based on a particular configuration.

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