

Apex12

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

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)

Signal / Connectivity	
Signal Connectors:	IP66 Sealed VGA 15-pin H-DSUB, IP66 Sealed HDMI (Option to have either input or both inputs)
Signal Inputs:	Analog RGB/VGA (Sync-On-Green capable), HDMI compliant 1.3/1.4 compliant <i>(Contact Nemacom for details on connector options and the available cables to maintain the IP66 seal)</i>
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:	19W 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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