

Apex21

Waterproof Industrial Display



1920 x 1080 Resolution



5-Year Warranty



IP66 Fully Sealed



Build Options Available

Display

Screen Diagonal:	21.5" (546.86mm) Aspect Ratio 16:9
Resolution:	1920 x 1080 @ 60Hz (Native)*
Pixel Pitch:	0.24825mm x 0.24825mm
Display Area:	476.64mm (H) x 268.11mm (V)
Viewing Angles:	178°(H) / 178°(V)
Brightness:	300 cd/m ²
Contrast Ratio:	5000:1
Response Time:	25ms (Rising+Falling)
Colours:	16.7M (RGB 8-bits)
OSD:	'On-Screen Display' via Rear-mounted IP66-Sealed push-buttons

Touchscreen Options

With Touchscreen:	10-point Multi-touch Projected Capacitive (PCAP) 5-wire Resistive (ELO Option)
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 Video HDMI 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:	22W typical**
Power Management:	Supports a subset of VESA DPMS standards
Operating Temperature :	0°C to +60°C
Storage Temperature:	-20°C to +60°C
Humidity:	5% to 90% Relative Humidity, non-condensing
Physical Attributes	
Dimensions / Weight:	8kg (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 Oil & Gas
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 - 100mm 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.

Address

Unit 6, Morgans Business Park,
Betty's Lane, Norton Canes, Cannock, Stafford-
shire,
WS11 9UU

Phone

+44 (0)1543 495020

Email

sales@nemacom.co.uk