

## SUNIT FX12 HD RESOLUTION

- 12" display
- Optimized for in-vehicle use
- Certified for automotive environments
- Full HD resolution (1920x1080)
- Anti-glare and anti-reflective coatings
- Wide viewing angle
- Optical bonded PCAP touch panel
- Multi-touch supports up to 5 fingers
- VESA mount compatible
- CAN bus support
- Designed and manufactured in Finland



The Sunit FX12 display combines powerful performance with versatile functionality, making it ideal for control applications. Its 12-inch screen offers a perfect balance between compact design and ample viewing area, enabling efficient operation and clear visibility of critical data. Built for demanding environments, the FX12 ensures reliable performance with advanced features such as optical bonding, anti-glare coating, and multi-touch capability for precise and responsive control.



Sunit products meet international road vehicle and environmental standards, including ISO 16750, UNECE 10R-05 0020, RoHS, REACH, and WEEE.



This Product Is Manufactured In A Certified Facility. The Product Itself Is Not Certified.



Mark Of Finnish Quality And Local Production.

## Technical Sheet

<b>TYPE</b>	11.6" TFT
<b>RESOLUTION</b>	FullHD (16:9), 1920x1080
<b>RESPONSE TIME</b>	25 MS
<b>COLORS</b>	16.7 M
<b>COMMENTS</b>	High brightness LED Backlight
<b>WEIGHT</b>	1.4 kg
<b>DIMENSION</b>	293 x 203 x 36 mm
<b>SUITABLE CPU</b>	Sunit FMDe2. Sunit FX-Gear with HDMI/Display port
<b>DATA COMMUNICATON</b>	Full Digital Interface, FPD-Link III
<b>USB</b>	2 x 2.0 Allows use of high power consumption devices with 1.5A downstream powerings.
<b>USER INTERFACE</b>	Capacitive multi-touch screen
<b>GLASS TREATMENTS</b>	AR / AF
<b>HIGH VISIBILITY</b>	Horizontal +88° / -88° Vertical +88° / -88°
<b>BRIGHTNESS ADJUSTMENT</b>	Auto Ambient controlled / Manual
<b>CABLES</b>	1 m / 1,5m / 4,5 m / 6m
<b>ATTACHMENT COMPATIBILITY</b>	Sunit Slider (Dashboard mount) / VESA 75 suitable
<b>HOUSING</b>	PC/ABS - C2950 V0+UV
<b>COMPLIANT</b>	ECE 10R-06, ISO-16750, FCC CE
<b>OPERATING TEMPERATURE</b>	-40°C to +80°C. 10%-85% rhd
<b>ENVIRONMENT</b>	-40°C ... +85°C. Temperature monitored. 0%-90% Relative Humidity
<b>CHEMICAL RESISTANCE</b>	Acetone, Methylene chloride, Methyl ethyl ketone, Isopropyl alcohol, Hexane, Turpentine, Mineralspirits, Unleaded Gasoline, Diesel Fuel, Motor Oil, Transmission Fluid, Antifreeze



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### FEATURES

1 external **CAN** up to 1Mbit/s  
**Sunit OSD** (On-Screen-Display) is tailored feature to increase usability and safety of the operator. FX12 Display includes CAN-bus connection which can be utilized to connect Display to external devices, such as bluelights, to control or to display information.  
 Camera interface that supports composite video (CVBS) standards: **PAL (B, D, G, H, I), NTSC (M)**

