

## SUNIT SCREEN

### Reliable Touch-screens for Harsh duties

- Excellent Wide Viewing Angles
- High-Bright & Super-Bright
- Touch Interface
- Full Digital LCD TFT Screen
- Smart Powered
- Loud Speakers
- Auto-ambient & Manual Brightness control
- OSD (On-Screen-Display) -technology
  - Touch-on-Windows
  - Touch-on-OSD
- Conformal Coated electronics



- Smooth 1-cable harness, 1m, 1.5m, 4.5m, 6m

### SAFE DESIGN - ERGONOMY IN DUTY

**SUNIT Touch-Screens** are designed for Industry and Fleet operations in 24/7 use, continuously in Demanding circumstances. Excellent Visibility, Wide-Viewing and Quick response are keys on Quality-HMI for commercial Duties. Smooth Casing, Crack-resistant Screen surface, tough and elastic formatting are characteristics that always highlights our Displays. Smart and compact design provides a user-selectable placements in any environments. Hundreds of thousands of installations world-wide verify the reliability of SUNIT-screens in any occupations.

### 12.1" Super-bright 1400NIT Screen – for Luminous-Intensive use



*OSD - On-Screen-Display Provides Dual Touch-HMI. OSD - for Applications outside O/S*



*Soft Impact / Sun Cover For Ergonomics*



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



*Mark Of Finnish Quality And Local Production.*

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



### Technical Sheet

	SUNIT 7 WIDE	SUNIT 10	SUNIT 12	SUNIT 19 WIDE
<b>TYPE</b>	7" WIDE TFT	10,4" TFT	12,1" TFT	18,5" TFT
<b>RESOLUTION</b>	WVGA (16:9) 800x480	XGA (4:3) 1024x768	XGA (4:3) 1024x768	W-XGA (16:9) 1366x768
<b>RESPONSE TIME</b>	10 MS	10 MS	10 MS	TR = 1,5 MS TF = 3,5 MS
<b>COLORS</b>	262 000 colors	16.2 Mio colors	16.2 Mio colors	16.7 Mio colors
<b>COMMENTS</b>	High brightness LED Backlight			
<b>WEIGHT</b>	485 KG	1,2 KG	1,6 KG	< 3,0 KG
<b>DIMENSION</b>	183 x 121 x 42 mm	244 x 202 x 46 mm	284 x 237 x 46 mm	475 x 310 x 55 mm
<b>SUITABLE CPU</b>	Sunit-F Serial			
<b>DATA COMMUNICATON</b>	Full Digital Interface, LVDS			
<b>USER INTERFACE</b>	Resistive touch screen Non-Clare			
<b>HIGH VISIBILITY</b>	Horizontal +70° / -70° Vertical +60° / -60°	Horizontal +88° / -88° Vertical +88° / -88°	Horizontal +88° / -88° Vertical +80° / -80°	Horizontal +88° / -88° Vertical +80° / -80°
<b>BRIGHTNESS ADJUSTMENT</b>	Auto Ambient controlled / Manual			
<b>CABLES</b>	1,0 m / 1,5m / 4,5 m /6m			
<b>POWER MODING</b>	Ignition-sense			
<b>OPERATING TEMPERATURE</b>	- 40 °C to + 80 °C 10%-85% rhd			
<b>HOUSING</b>	PC/ABS - C2950 V0+UV			
<b>COMPLIANT</b>	ECE 10R-04, ISO-16750, FCC CE			
<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, Mineral spirits, Unleaded Gasoline, Diesel Fuel, Motor Oil, Transmission Fluid, Antifreeze			

*Connect SUNIT-Screen on Tablet / Toughbook as a Dual-Screen!*

