

I-SFT 50i.M

10.5" VGA High Brightness
Active Matrix LCD Display



FEATURES

- The 10.5" I-SFT 50i.M offers VGA (640 x 480 dots) resolution and wide viewing angles
- Integrated Inverter
- 500 cd/m² Backlight Brightness
- Extended Temperature Range
- Long Life CCFL

Display Mode	Transmissive Mode, Normally White
Display Format	640 (x3) x 480 Pixels
Screen Area	211.2 x 158.4mm (10.5 inch diagonal)
Display Outline	271.0 (H) x 192 (V) x 27.0 (D) mm (Typ.)
Contrast Ratio	250:1 (Typ.)
Brightness	500 cd/m ²
Viewing angle	+/- 80° horizontal, 45°/-80° vertical
Dimming	1:250
MTTH	50,000 Hours
Shock (operating)	100g; 11ms
Vibration (operating)	3g; 5 to 150Hz
Temperature (operating)	-31°C to +85°C acc. to MIL-STD 810 method 502.3 proc. II method 501.3 proc. IIb-40°C to +95°C tested (internal design verification test)
Temperature (storage)	-46°C to +85°C acc. to MIL-STD 810 method 502.3 proc. I method 501.3 proc. I-46°C to +95°C tested (internal design verification test)
Weight	1.22 Kg
Input Signal	6-bit RGB
Height/Pressure (Operating)	57.2 kPa acc. to MIL-STD 810 method 500.3 proc. II (in test)
Height/Pressure (Storage)	57.2 kPa acc. to MIL-STD 810 method 500.3 proc. I (in test)
Power Consumption	20 Watt (Typ.)
Power Supply	12 VDC int. inverter, 5V LCD
Response Time	40 ms (Typ.)