

# I-SFT 150i.12X

G23916-B0065-H092

12.1" XGA open frame display, integrated inverter



## Industrial Displays for Extreme Conditions

### 12.1" XGA high-bright

slim design

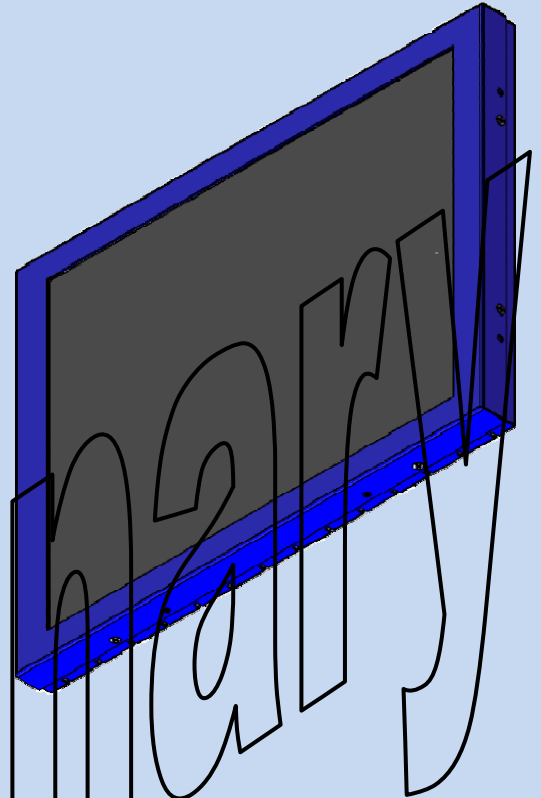
energy efficient

extended temperature range

tested for extreme environments

i-sft plus

MTTH 50,000 h @ full temp  
integrated inverter fanless  
shock / vibration resistant  
cold start capable



Key Features (see back for details)	
Luminance	1500 cd/m <sup>2</sup>
Dimming	1 : 1000
Contrast	>450 : 1 (typ.)
Viewing angle (CR10)	>80°80°80°80°
Temperature, operating	-25°C to +70°C
Temperature, storage	-30°C to +75°C
Cold start	-25°C
Shock	35 g @ 6 ms*
Vibration	3 g @ 10-2000 Hz*
MTTH	>50,000 h over full temperature range
Power incl. inverter	<35 Watt (typ.)*

\*target specification

customized versions on request

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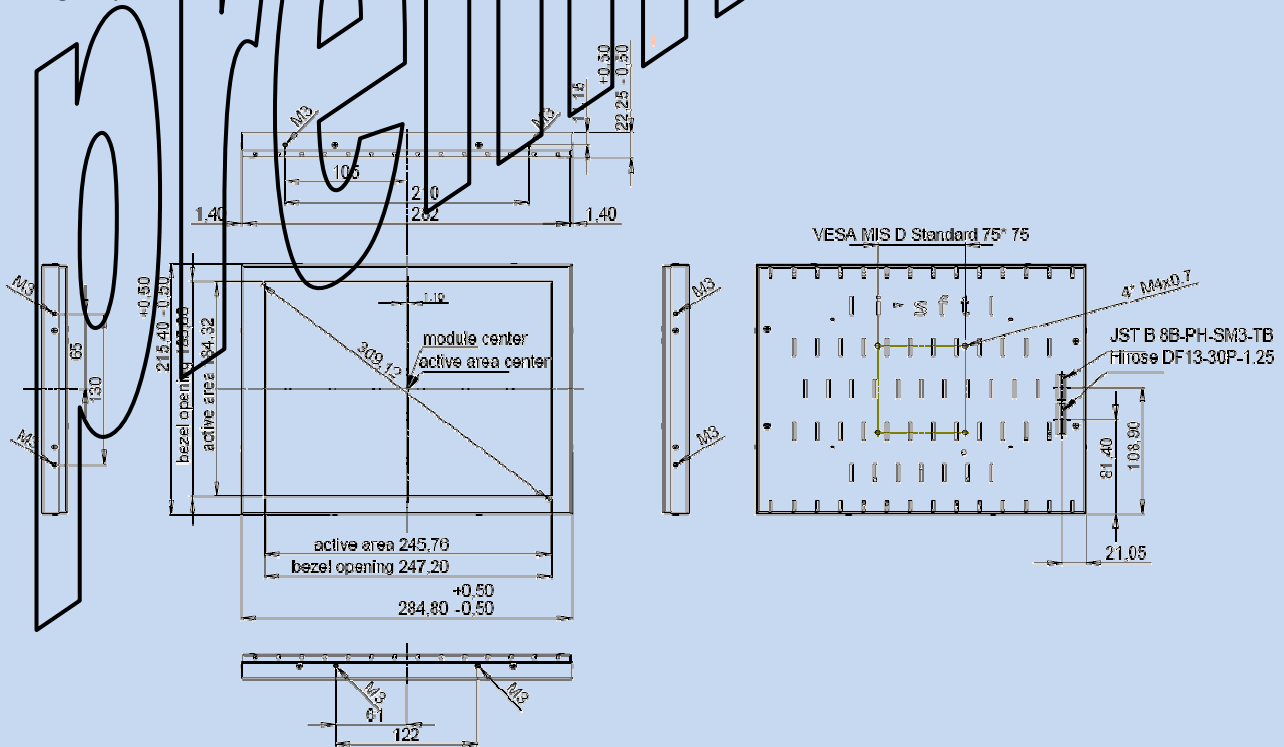
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dimensions			
screen diagonal	resolution	size (WxHxD, mm)	weight
12.1"	XGA	284.8 x 215.4 x 22.25	1550 g
interfaces			
input signal	LCD supply voltage	inverter sup voltage	power
1ch LVDS	3.3 V DC	24 V DC	<35 W (typ.)

optical			
colors	k (1024)	256	
luminance	cd/m <sup>2</sup>	1500	
contrast		> 450:1	typ.
viewing angle T/D	CR10 / °	> 80 / 80	
viewing angle R/L	CR10 / °	> 80 / 80	
color gamut	% of NTSC % of PAL	tbd tbd	at 20°C (Mura)
response time	ms	30 max.	rising+falling
dimming		1:1000	
MTTH	hours	> 50 000	over full temp range
Environmental			
temperature (operating)	°C	-25 to +70	
temperature (storage)	°C	-30 to +75	
cold start	°C	-25	without damage
shock (operating)	g ms	35; 6*	
vibration (operating)	g; Hz	3; 10-2000 Hz*	

\*target specification



customized versions on request