

General Description

LDX3200.1200_256_080_B800 type airborne TFT LCD display module with low power consumption LCD screen , ultrahigh resolution and Good low temperature performance (- 40 degrees work without heating in low temperature), the product can work normally in - 45 °C low temperature environment. The use of Optical bondingt technology, LED backlight highlight technology and anti reflection coating technology, reduce specular reflectivity, make the product is visible under strong sunlight, DAY mode highest brightness can achieve 800nits, minimum brightness only 0.17 nit. At the same time, Full night-vision compliance optional. Using Optical Bonding technology, greatly enhance the ability of anti shock and vibration. Support RS232 / RS422 serial communication.

Specification

LDX3200.1200_256_080_B800	
Model No.	LDX3200.1200_256_080_B800
Resolution	3200*1200
Active Image area	24"×9"(inch)
Outline dimensions	Customize
Brightness	Max Brightness>800nits Min Brightness<0.17nit
Contrast ratio(dark ambient)	>1000:1@ 0H/0V
Contrast ratio(shimmer night vision)	>5:1 (107000Lux)
Specular reflectance	<1%
Brightness non-uniformity	≤20%
Viewing envelope (CR >5:1)	±85° H, ±85° HV
Signal input	DVI
Gray shades (colors)	256level
Power supply	DC28V
Power consumption	Normal temperature power Consumption≤8 0W
Weight	≤18kg
Environment suitability	
Work temperature	-45°C ~ 70°C
Storage temperature	-55°C ~ 90°C
Humidity	95% @60°C
Environmental	DO-160E, MIL-STD-810E
Altitude	>19000m
Vibration	0.05 g ² /Hz 100 – 500 Hz
Shock	6g,11ms (3 direction 6axial)
MTBF	10000 hours

Product model explanation

LDX3200.1200_256_080_B800:

LDX——LCD display

3200.1200——Resolution is 3200x1200

256——Dimension of the LCD panel is 25.6 inch.

080——Power consumption is not more than 80W under normal temperature.

B800——Max Brightness is more than 800 cd/m².

The detailed product description references the document *LDX3200.1200_256_080_B800 User's Manual*.

2.LDX2560.1600_300_250_B300

Specification

LDX2560.1600_300_250_B300	
Model No.	LDX2560.1600_300_250_B300
Resolution	2560*1600
Active Image area	643*403 (mm)
Outline dimensions	Customize
Brightness	0.5nit-300nits
Contrast ratio(dark ambient)	>300:1@ 0H/0V
Brightness non-uniformity	≤20%
Viewing envelope (CR >5:1)	±80° (H) , ±80° (V)
Video Signal input	DVI or VGA
Gray shades (colors)	256 level
Extensive Built-In Testing (BIT)	RS232/422
Power supply	220 VAC
Power consumption	Normal temperature power Consumption≤250W
Weight	≤25kg
Environment suitability:	
Work temperature	-15degree ~ 60degree
Storage temperature	-45degree~70degree
Humidity	95%@ 60degree
Vibration	To satisfy corresponding standard
EMC	To satisfy corresponding standard
MTBF(MIL-STD-217)	10000 hours

Product model explanation

LDX2560.1600_300_250_B300:

LDX——LCD display

2560.1600——Resolution is 2560x1600

300——Dimension of the LCD panel is 30 inch.

250——Power consumption is not more than 250W under normal temperature.

B300——Max Brightness is more than 300 cd/m².