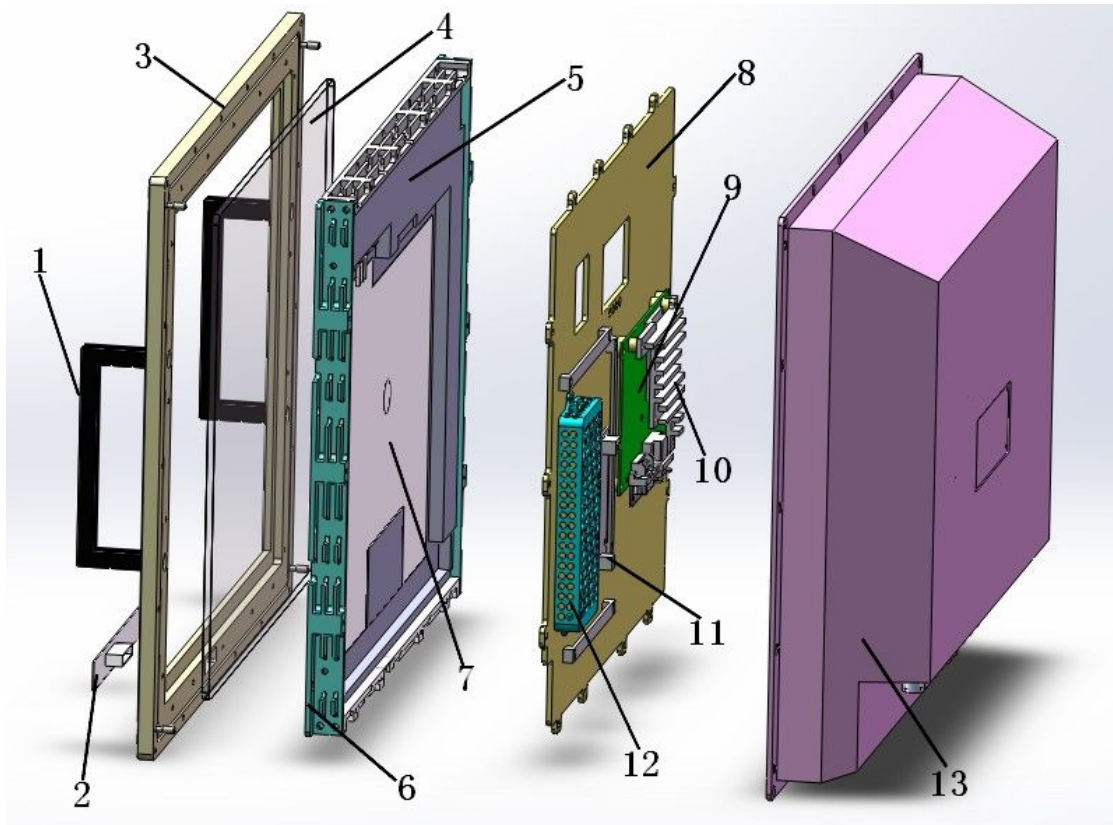


RL17_1280.1024

General Description

RL17_1280.1024 is a 17-inch rugged LCD using military grade reinforced wide temperature LCD panel, its performance has been highly appreciated by a number of research institutes; also available to meet customer's special requirements positioning holes; can be widely used in various vehicles , tank, car and ship systems.





1—Handle 2-OSD key 3-Panel 4-Shielding glass 5-LCD screen
6-Bracket 7— Heating film 8-Middle clapboard 9-Image board
10-Cooling fin 11-Cabling rack 12- Drier box

13-Power supply box(fix the power supply module and temperature controlling module)

Specification

Model	RL17_1280.1024
LCD panel	
Dimension	17-inch
The type of panel	4:3 TFT-LCD
Viewing angle	Horizontal viewing angle: +80° /-80°
	Vertical viewing angle : +80° /-80°
Contrast ratio	400:1
Brightness	No less than 250cd/m ²
Dot pitch	0.264mm (H) × 0.264mm (V)

Best resolution	1280×1024
Basic keys	Membrane Keys(menu, increasing, reducing,ensuring,opening and closing)
Display area	337.92 (H)×270.336(V)
Input signal	
Video signal	RGB analog interface, optional composite video signal.
Synchronization signal	Horizontal frequency and vertical frequency is separated.
Connection	
Signal	Military aviation connector
Power	Military aviation connector
Power supply	
Input voltage	AC 220V (1±10%) , 50Hz
Power consumption	It is not more than 80W under operating state.
	It is not more than 130W under cold start-up state.
Reliability	
Reliability	MTBF: no shorter than 10000 hours
Maintainability	MTTR:no longer than 30 min
Environmental applicability	
Operation temperature	-20℃ ~ +55 ℃
Storage temperature	-40 ℃~ +70 ℃
Vibration	Sine sweep vibration: 5 Hz -16Hz, displacement :1mm; 16 Hz -60Hz, acceleration : 1g; 60-160Hz, acceleration : 2.5g.
Shock	Pulse Waveform :half-sine wave,
	Acceleration crest:30g
	Duration :11ms
	The number of test: Three times of shock are applied to each of the three axis directions.Total are 9 times.

EMC	Conduct test according to the requirement for the navy equipment specified in GJB151A-1997 <i>Electromagnetic Emission and Susceptibility Requirement for Military Equipment and Subsystem</i> .
Damp-heat	Conduct test according to the requirement specified in GJB322A-98.
Salt-fog	Conduct test according to the requirement specified in GJB 150.11-1986 <i>Salt-Fog Test</i> .
Drenching in rain	Conduct test according to the requirement specified in GJB 150.8-1986 <i>Drenching Test</i>
Mechanical parameter	
Dimension	426 (W) mm× 345 (H) mm ×100 (D) mm
Weight	no more than 12Kg
Color	It can be customized.

Product model explanation

RL17_1280.1024:

RL——Rugged LCD

17——Dimension of the LCD panel is 17 inch.

1280.1024——The best resolution is1280x1024.

Supplied by: Gus Industry(Hongkong)Co.,Limited