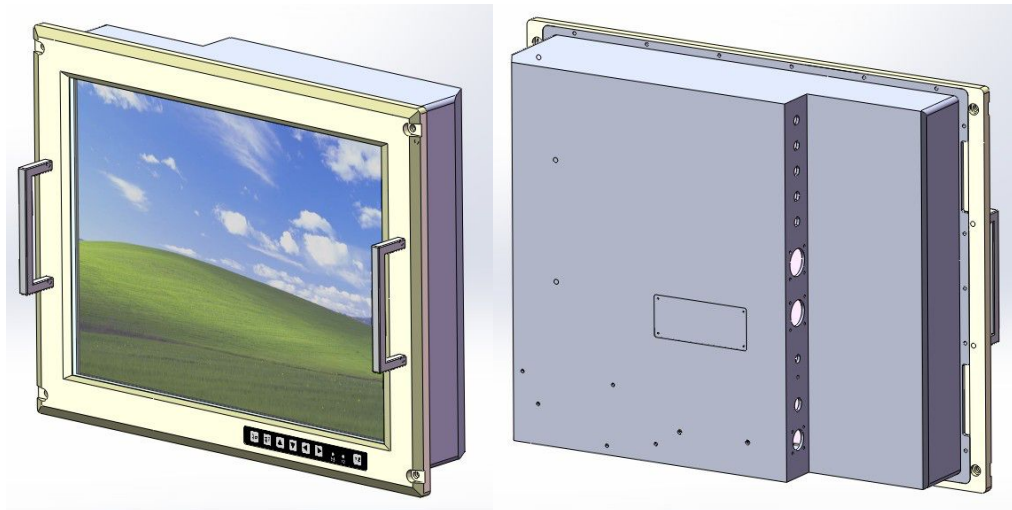
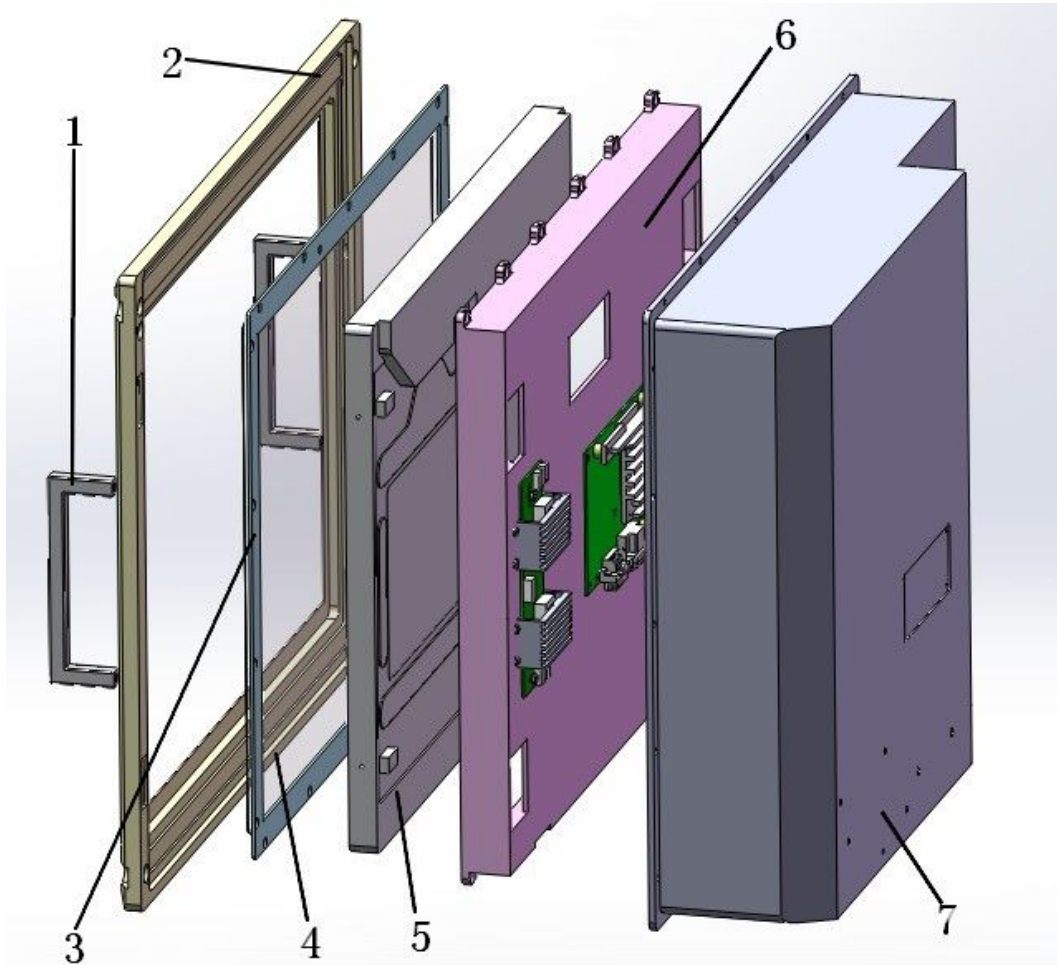


## **RL20\_1280.1024**

### **General Description**

RL20\_1280.1024 is a 20.1 inch rugged LCD designed specifically for the special communication control, dispatching, mobile vehicle and other use purposes. Its 4:3 square screen display ratio make the display screen and the actual effect is closer, and maintain the structure of the image more truly, so that the user can obtain the information more accurately.





**1—Handle 2-Front panel 3-Bracket (fix the Shielding glass)**

**4-Shielding glass 5-LCD screen**

**6-Fixed bracket (fix the LCD screen and image board)**

**7-Power supply box**

### Specification

Model	RL20_1280.1024
<b>LCD panel</b>	
Dimension	20.1-inch
The type of panel	4: 3 TFT-LCD
Viewing angle	Horizontal viewing angle: +85° /-85°
	Vertical viewing angle : +85° /-85°
Contrast ratio	300:1

Brightness	No less than 200cd/m <sup>2</sup>
Dot pitch	0.312mm (H) × 0.312mm (V)
Best resolution	1280 × 1024
Basic keys	Membrane Keys(menu, increasing, reducing,ensuring,open ing and closing)
Display area	399.36 (H)×319.488(V)
<b>Input signal</b>	
Video signal	RGB analog interface, optional composite video signal.
Synchronization signal	Horizontal frequency and vertical frequency is separated.
<b>Connection</b>	
Signal	Military aviation connector
Power	Military aviation connector
Power supply	
Input voltage	AC 220V (1±10%) , 50Hz
Power consumption	It is not more than 100W under operating state.
	It is not more than 180W under cold start-up state.
<b>Reliability</b>	
Reliability	MTBF: no shorter than 10000 hours
Maintainability	MTTR:no longer than 30 min
<b>Environmental applicability</b>	
Operation temperature	-25℃ ~ +55 ℃
Storage temperature	-40 ℃~ +70 ℃
Vibration	Sine sweep vibration: 5 Hz -20Hz, displacement :25.4mm; 20 Hz -500Hz, acceleration : 2g.
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 anvy 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>
<b>Mechanical parameter</b>	
Dimension	482 (W) mm× 399.2 (H) mm × 123.5 (D) mm
Weight	no more than 13Kg
Color	It can be customized.

#### Product model explanation

RL20\_1280.1024:

RL——Rugged LCD

20——Dimension of the LCD panel is 20 inch.

1280.1024——The best resolution is1280x1024.

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