

Model Name: CY156-LCD

Issue Date: 2023/10/01

(*) Preliminary Specifications

() Final Specifications

Customer Signature	Date	CY	Date
Approved By _____		Approval By _____ Alex Chen _____	
Note		Reviewed By _____ James Chen _____	
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CY156-LCD

15.6" LCD

1. Features:

- **Pure flat design, touch without dead angles**
The flat design of the front panel not only effectively protects against dust and splashes, but also allows precise touch in the corners.
- **Original HD screen**
Original LCD screen, better quality, using high-definition backlight technology, High contrast, mild and full colors, superior experience.
- **Precise touch is more responsive**
Using the original touch screen, high resolution, more responsive, the number of clicks is as high as more than 50 million times.



2. Specifications:

display screen	size	15.6"
	Model	CY156
	type	Industrial LCD LED screen
	interface	LVDS
	resolution	Default: 1366*768 Upgradeable: 1920*1080
	proportion	16:9
	visual angle	80/80/70/70 (L/R/U/D)
	color	Chromaticity: 16.7M
	Brightness (standard)	Brightness: 300cd/m ²
	contrast	1000:1
	Backlit MTBF	50000h
touch screen (Optional)	Touch screen type	Non-touch/capacitive selectable
	Response time	≤3ms
	Light transmittance	85±5%
	Click Life	50 million times
	Touch mode	Capacitive: Handwriting or capacitive pen
	Surface hardness	≥3H
interface	Power connector	Default DC12V*1 (optional 12V-36V wide voltage).
	Touch interface	Default USB*1 (optional COM port RS232).
	Display interfaces	Default VGA*1 (optional HDMI-AV-BNC-DVI).
	Audio interface	Audio*1 (optional).
power supply	Power consumption (max)	25W
	Power input	AC 110V-240V, 50-60HZ
	Operating current	≤5A
Environmental specifications	Operating temperature	0 °C~60 °C
	Storage temperature	-10 °C~60 °C

	humidity	20%-95% (relative humidity non-condensing).
Mechanical structure	Housing material	Aluminum alloy front panel + high quality cold rolled sheet metal
	Outer border handling	Aluminum alloy matte
	Heat dissipation method	Heat vents dissipate heat
	Border color	Silver/black edge
	net weight	3.5kg (there may be a slight error, which is normal, mainly based on physical objects).

3. The description Of screen level :

Rating of display screens:

- A+ (no spots, no spots) Perfect screen, no spots and no spots
- Class A: The number of dead pixels in the panel is within five is Class A
- Grade B: More than five and less than ten are considered grade B
- Class C: If the number of dead pixels is more than ten, it is classified as grade C

According to the industry's default standards, "dead pixels" is a "normal" phenomenon, because the LCD panel is composed of more than one million transistor components, as long as one of the transistors does not act will produce dead pixels, to the current semiconductor process technology, a certain number of bright spots or dark spots is a characteristic of LCD display technology, for any manufacturer, such a phenomenon is inevitable.

The screens used in the company's products are all A-gauge screens, such as three bright spots or three dark spots, the total number of bright spots and dark spots ≤ 5 , all of which are normal qualified products. If you have requirements for screen level and need an A+ screen, please communicate with the business first, and the customer service will confirm that it is correct before purchasing.

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