



1. OLED Display 128 x 32 dots
2. Built-in Controller SSD1305
3. + 3.3V single power supply
4. 1/32 duty
5. Option: positive voltage for LCD
6. Color: blue

Item	Standard Value	Unit
Module Dimension	37.5 x 16.6	mm
Viewing Area	29.42 x 7.98	mm
Dot Size	0.21 x 0.23	mm

Pin	Symbol	Function
1	Vss	GND
2	Vdd	+3.3V
3	CS	Chip select
4	/RES	Reset signal
5	RS	H:Data L:Command
6	WR	Write signal
7	RD	Read signal
8~15	DB0~DB7	Data bus
16	NC/VO	No connection/Power control

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3.3V	3.3	V
Supply Current	Idd	Vdd = +3.3V	110	mA
Life Time		100 cd/m ²	9,600	hrs

Technical drawing of the 128X32 DOTS device, showing dimensions in millimeters (mm).

Top View Dimensions:

- Overall width: 37.50
- Overall height: 16.60
- Internal width (Polarizer): 36.50
- Internal height (Cover): 14.10
- Top cover thickness: 2.96
- AA thickness: 7.98
- Internal height (AA): 12.60
- Internal width (Polarizer): 4.04
- Internal width (Seal): 0.50
- Internal width (Stiffer): 1.65
- Internal width (Device): 0.70

Side View Dimensions:

- Overall height: 33.00
- Internal height (Seal): 10.50
- Internal height (Stiffer): 5.00
- Internal height (Device): 1.00

Detail View Dimensions:

- Overall width: 27.83
- Internal width (Polarizer): 10.83
- Internal width (Seal): 1.00
- Internal width (Stiffer): 1.00
- Internal width (Device): 1.00

Other Dimensions:

- Internal width (Polarizer): 22.00 (Alignment Hole)
- Internal width (Seal): 0.140 (SR)
- Internal width (PI Hole): 0.100 (PI Hole)
- Internal width (Polarizer): 0.21
- Internal width (Seal): 0.23
- Internal width (Stiffer): 0.25
- Internal width (Device): 0.23

Labels:

- 128X32 DOTS
- Seal
- Polarizer $t=0.2$ mm
- Stiffer
- Device 4.00(Max)