

BL256128A GRAPHIC OLED DISPLAY

優潔光科技股份有限公司
UJ Light Technologies Corporation

DEAR VALUED CUSTOMER:

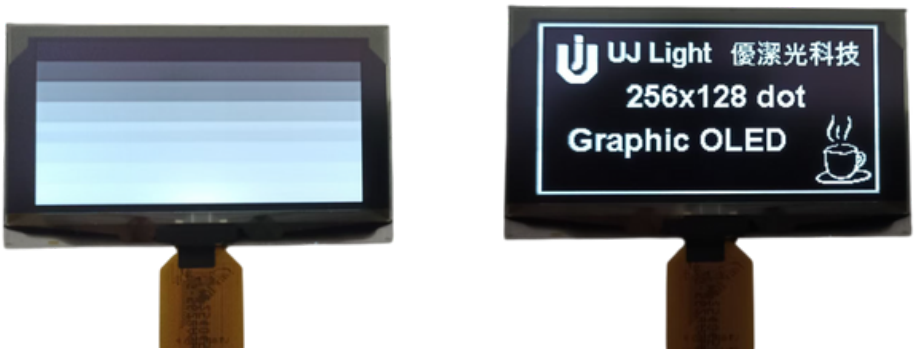
We are proud to introduce UJ Light's advanced 256×128 Gray Scale OLED Display Module, which combines cutting-edge technology with refined design, crafted to deliver the best possible visual experience.

CONTACT US :

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Website: www.ujlight.com.tw
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Specifications

Resolution: 256 × 128 dot
Display Size: 2.7" diagonal (module dimensions approx. 71.86 × 73 mm)
Color : 16 Gray Scale ,White
Controller IC: Built-in SSD1363 controller
Power Supply: Vdd= +3.3 V ,Vcc=15V(for Panel)
Interface: Supports Parallel / SPI interface options

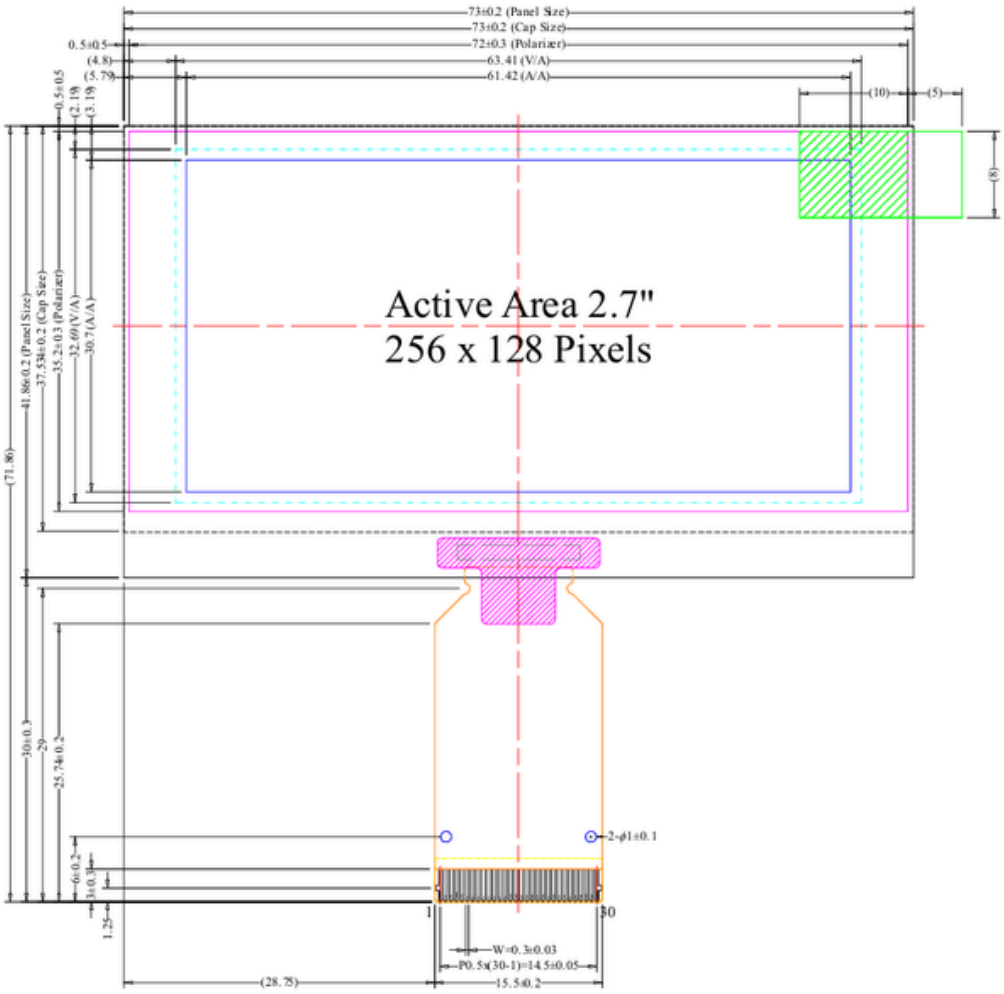


Key Features

- **Ultra-Thin Module Design** – Saves space and improves overall mechanical stability
- **High-Resolution Image Quality** –256x128 high-resolution graphics and vivid visual performance
- **Wide Viewing Angle** –Full view Angle
- **Fast Response Time** – Smooth and seamless image transitions
- **Excellent Durability** – Supports wide operating temperature range (-40 °C to +80 °C)

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Drawing:



Pin	Symbol
1	ESD(GND)
2	VSS
3	VCC
4	VCOMH
5	VLSS
6	D7
7	D6
8	D5
9	D4
10	D3
11	D2
12	D1
13	D0
14	E/RD#
15	R/W#
16	BS1
17	BS2
18	D/C#
19	CS#
20	RES#
21	FR
22	IREF
23	N.C.
24	VDD
25	VP
26	N.C.
27	VSL
28	VLSS
29	VCC
30	ESD(GND)

Applications

- **Consumer Products:** Handheld devices,Instrument
- **Industrial Applications:** Test instruments, Various meters, Voltage measuring equipment
- **Medical Devices:** Glucose meters, Blood pressure monitors, and other precision sensing devices

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At the same size, the image on the left is 256x128 dots, and the image on the right is 128x64 dots. It can be seen that the image on the left is more detailed and has no jagged edges.



Conclusion

The **256×128 Gray Scale OLED Display Module** offers a slim form factor, high image quality, and exceptional reliability — making it ideal for use in modern smart devices and industrial applications.

For further information or to arrange a product trial, please feel free to contact us anytime.
We look forward to working with you to create outstanding visual experiences.

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