

tecpro

electronics

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DI SPLAYS

# OLED Overview

## Character Type

Type	Model No.	Outline Dim. (mm)	Visible Area (mm)	Active Area (mm)	● = Standard			● = M.O.Q	
					Yellow	Green	Red	Blue	White
8 x 2	CO-0802A	58.00 x 32.00	38.00 x 16.00	28.16 x 11.86	●	●	●	●	●
12 x 2	CO-1202A	55.70 x 32.00	46.00 x 14.50	38.95 x 11.80	●	●	○	○	○
16 x 1	CO-1601A	80.00 x 36.00	66.00 x 16.00	56.95 x 6.35	●	●	●	●	●
16 x 2	CO-1602A	80.00 x 36.00	66.00 x 16.00	56.95 x 11.85	●	●	●	●	●
16 x 2	CO-1602B	122.00 x 44.00	99.00 x 24.00	91.14 x 18.98	●	●	●	●	○
16 x 2	CO-1602C	85.00 x 36.00	66.00 x 16.00	56.95 x 11.85	●	●	●	●	●
16 x 2	CO-1602D	85.00 x 30.00	66.00 x 16.00	56.95 x 11.85	●	●	●	●	●
16 x 2	CO-1602E	84.00 x 44.00	66.00 x 16.00	56.95 x 11.85	●	●	●	●	●
20 x 2	CO-2002A	116.00 x 37.00	85.00 x 18.60	77.30 x 11.85	●	●	○	○	○
20 x 4	CO-2004A	98.00 x 60.00	70.00 x 25.20	70.16 x 20.95	●	●	●	○	○
20 x 4	CO-2004B	98.00 x 60.00	70.00 x 25.20	70.16 x 20.95	●	●	●	○	○
40 x 2	CO-4002A	182.00 x 38.5	154.40 x 16.5	148.13 x 11.85	●	○	○	○	○

## Graphic Type

Type	Model No.	Outline Dim. (mm)	Visible Area (mm)	Active Area (mm)	Yellow	Green	Red	Blue	White
50 x 16	GO-5016A	58.00 x 32.00	38.00 x 16.00	29.96 x 11.16	●	●	●	●	●
76 x 16	GO-7616A	55.70 x 32.00	46.00 x 14.50	41.70 x 11.10	●	●	○	○	○
100 x 08	GO-1008A	80.00 x 36.00	66.00 x 16.00	56.95 x 6.35	●	●	●	●	●
100 x 16	GO-10016A	80.00 x 36.00	66.00 x 16.00	59.95 x 11.15	●	●	●	●	●
100 x 16	GO-10016B	122.00 x 44.00	99.00 x 24.00	95.94 x 17.86	●	●	●	●	○
100 x 16	GO-10016C	85.00 x 36.00	66.00 x 16.00	59.95 x 11.15	●	●	●	●	●
100 x 16	GO-10016D	85.00 x 30.00	66.00 x 16.00	59.95 x 11.15	●	●	●	●	●
100 x 16	GO-10016E	84.00 x 44.00	66.00 x 16.00	59.95 x 11.15	●	●	●	○	○
100 x 16	GO-10016F	116.00 x 37.00	85.00 x 18.60	64.95 x 11.15	●	●	●	●	●
100 x 32	GO-10032A	98.00 x 60.00	70.00 x 25.20	58.95 x 19.15	●	●	●	○	○
100 x 32	GO-10032B	98.00 x 60.00	70.00 x 25.20	58.95 x 19.15	●	●	●	○	○
Graphic 2.7"	GO-12864C	82.70 x 40.20	63.41 x 32.69	61.41 x 30.69	●	●	○	○	○
Graphic 2.7"	GO-12864D	73.00 x 41.86	63.41 x 32.69	61.41 x 30.69	●	●	○	○	○
128 x 64	GO-12864E	75.00 x 52.70	57.01 x 29.49	55.01 x 27.49	●	●	●	○	○
128 x 64	GO-12864M	60.50 x 37.00	57.01 x 29.49	55.01 x 27.49	●	●	●	○	○
128 x 64	GO-12864L	73.00 x 41.86	63.41 x 32.69	61.41 x 30.69	●	●	●	○	○
200 x 16	GO-20016A	182.00 x 38.5	154.40 x 16.5	148.13 x 11.85	●	○	○	○	○

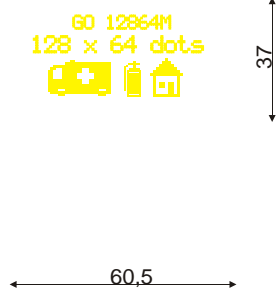




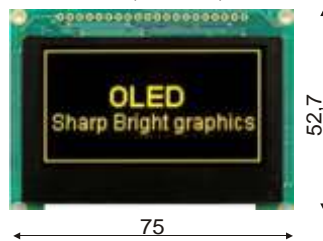
# Graphic Types

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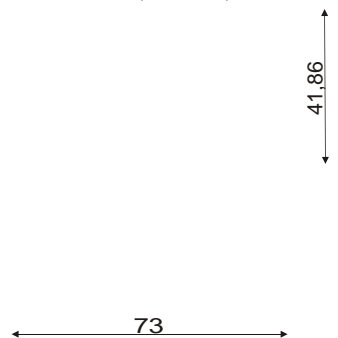
GO-12864M (128 x 64)



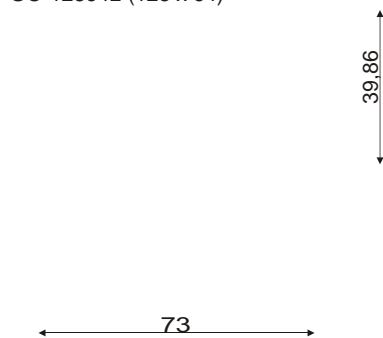
GO-12864E (128 x 64)



GO-12864D (128 x 64)



GO-12864L (128 x 64)



GO-12864C (128 x 64)



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## Key Features

- Fast response time 10  $\mu$ s at +25°C
- Wide viewing angle up to 175 degree
- Thin - no need of backlight, self emitting
- High contrast ratio up to 2000 : 1
- High brightness - 500 ~ 2000 cd/m<sup>2</sup>
- Low power consumption - save at least 2.4kg CO<sub>2</sub> emissions per year
- Sunlight readable technology option



# OLED Product Code

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## CO 2004 B L P A 3 N 0001

1 2 3 4 5 6 7 8 9 10

1	Display Type : H = Character Type, G = Graphic Type		
2	O: OLED		
3	Number of dots : 40 Characters, 2 Lines		
4	Serials code		
5	Emitting Color	A: Amber	R: Red
		B: Blue	C: Full color
		G : Green	W: White
		Y : Yellow Green	L: Yellow
6	Polarizer	P : With Polarizer	N: Without Polarizer
7	Display Mode	P : Passive Matrix	A: Active Matrix
8	Driver Voltage	3: 3.0 V; 5: 5.0V	
9	Touch Panel	N : Without touch panel;	T: With touch panel
10	Serial No.	0001: Sales code	

## Color Example

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570nm