



# SmarterGlass

state-of-the-art display solutions

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< ATTACHMENT 1 >

**Main Specifications of the New 5.7-Inch LCD Module**

<b>Part number:</b>	NL6448BC18-01
<b>Resolution:</b>	640(H) × 480(V) pixels
<b>Display area:</b>	116.16(H) × 87.12(V) mm Diagonal screen size of 5.7 inches (15cm)
<b>Drive system:</b>	Amorphous-silicon TFT active-matrix
<b>Display color:</b>	262K colors
<b>Pixel arrangement:</b>	RGB vertical stripe
<b>Pixel pitch:</b>	0.1815(H) × 0.1815(V) mm
<b>Luminance:</b>	400cd/m <sup>2</sup> (typ.)
<b>Contrast ratio:</b>	1000:1 (typ.)
<b>Viewing angle:</b>	Vertical : Up 80 degrees, down 80 degrees Horizontal : Left 80 degrees, right 80 degrees (contrast ratio at over 10:1)
<b>Response time:</b>	18ms (typ.) (T <sub>ON</sub> + T <sub>OFF</sub> : from 10% to 90%)
<b>Interface:</b>	CMOS (RGB 6 bits each)
<b>Power supply voltage:</b>	3.3V
<b>Power consumption:</b>	1.8W (typ.)
<b>Operating temperature:</b>	-20 degrees C to +70 degrees C
<b>Storage temperature:</b>	-30 degrees C to +80 degrees C
<b>Polarizer surface:</b>	Clear
<b>Module size:</b>	135.0 (typ.) × 104.6 (typ.) × 11.0 (max.) mm
<b>Weight:</b>	160g (typ.)
<b>Backlight</b>	White LED (Replaceable)

**Note:**

*The press release and other information in this file may be out of date on observation.*

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