

# NEW ROUND 4.17-INCH AND TWO 11.6-INCH FHD DISPLAYS FOR OUTDOOR APPLICATIONS

We present the round 4.17-inch display and two new 11.6-inch displays in FHD resolution.



4.17-inch round and 11.6-inch FHD for outdoor applications

The 4.17-inch display is round and has a resolution of 720 x 720 pixel. It originates from the **A-series** for personal and commercial applications. With a typical luminance of 1300 cd/m<sup>2</sup> and an operating temperature range of -30°C to +85°C, it is ideal for outdoor applications.

The two 11.6-inch displays with FHD resolution (1920 x 1080) are part of the **P-series** for the industrial and medical display market. Both displays are from the **Advanced-class** and offer a luminance of 1000 and 1600 cd/m<sup>2</sup> respectively. The display with 1000 cd/m<sup>2</sup> has an operating temperature range of -20°C to +70°C and has an integrated backlight driver, while the display with 1600 cd/m<sup>2</sup> has an operating temperature range of -20°C to +80°C and requires an external backlight driver.

A- and P-series:

A-series: AI & IOT: Artificial Intelligence & Internet of Things. Typical sizes from 1.4-inch to 5.5-inch. Focus on customised products.

P-series: Professional series. Typical sizes from 3.5-inch to 30-inch. Focus on standard products, with optional semi-customisations.

	Devel- opment	MP	
<b>Size</b>	4.17"	11.6"	
<b>Resolution</b>	720 x 720 round	1920 x 1080 FHD	
<b>Part number</b>	A0417RK F1MA00	P1160FH F1MA01	P1160FH F1MA00
<b>Class</b>	-	<b>Advanced</b>	
<b>Technology</b>	SFT	SFT	SFT
<b>Luminance (typ) in cd/m<sup>2</sup></b>	1300	1000	1600
<b>Operating temperature range in °C</b>	-30° ... +85°	-20° ... +70°	-20° ... +80°
<b>Backlight lifetime in h</b>	50k	50k	50k
<b>Interface</b>	RGB 24 bits	LVDS 6/8 bits	LVDS 6/8 bits
<b>Backlight driver integrated</b>	-	Y	-
<b>Surface of TFT LCD</b>	AG	HC	HC
<b>UL approval</b>	-	Y	Y