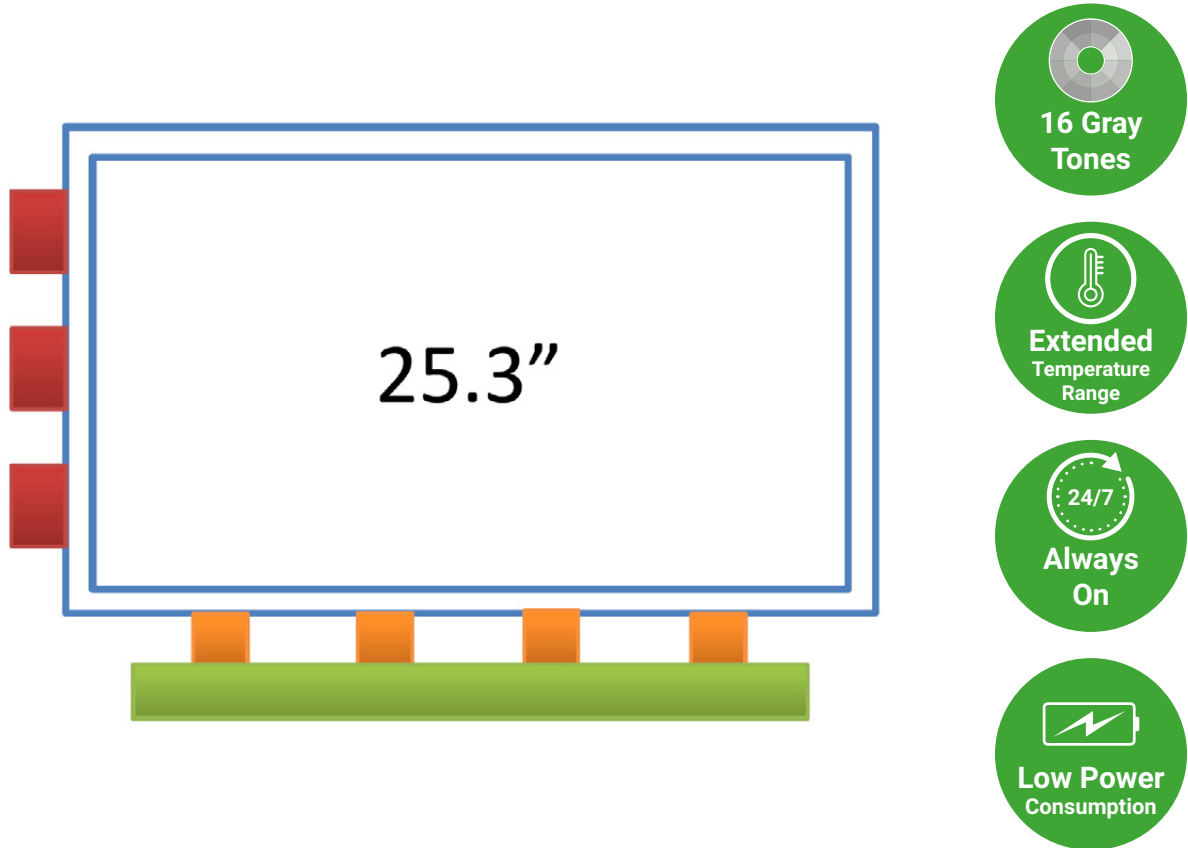


ED253TT1

25.3" ePaper (E Ink Carta 1.2)



[ED253TT1](#) is a reflective electrophoretic E Ink® technology display module based on active matrix TFT substrate. It has 25.3" active area with 3200 x 1800 pixels, the display is capable to display images at 2-16 gray levels (1-4 bits) depending on the display controller and the associated waveform file. The using mini-LVDS gives an advantage of reduced noise levels and better EMC behavior. The significant feature is the extended operating temperature range. Only black and white mode is possible for the extended ranges and 16 gray levels are supported for standard e-paper ranges from 0°C to +50°C. The form factor, well know from the TFT world, extends the applications area for the panel. It can be successfully implemented in advertisement signage and retail signage.

FEATURES

- Mini-LVDS interface
- 16:9 form factor
- High contrast TFT electrophoretic
- Ultra wide viewing angle
- Ultra low power consumption
- Pure reflective mode
- Bi-stable
- Low current sleep mode



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MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS	UNIT	REMARK
SCREEN SIZE	25.3	inch	16:9
DISPLAY RESOLUTION	3200(H) x 1800(V)	pixel	DPI: 144
ACTIVE AREA	560.0(H) x 315.0(V)	mm	
PIXEL PITCH	175(H) x 175(V)	um	
PIXEL CONFIGURATION	Square		
OUTLINE DIMENSION	576.5(H) x 333.0(V)	mm	
BORDER	10(Left)/ 6.5(Right)/ 8(Up)/ 10(Down)	mm	
NUMBER OF COLORS	-15°C~0°C, +50°C~65°C: black&white / 0°C~50°C: 16 gray level		
INTERFACE	Mini-LVDS		
OPERATING TEMP. RANGE	+15 .. +35	°C	
STORAGE TEMPERATURE	-25 .. +50	°C	

