

# G280AR1-102

28" Full Color Bar Shape ePaper (E Ink Gallery™)



The [28" full color ePaper display](#) is a reflective electrophoretic E Ink® technology display module based on active matrix TFT substrate. The diagonal length of active area is 28" and contains 3840 x 1080 pixels. The display is capable to display full color images depending on the display controller and the associated lookup table used. The using mini-LVDS gives an advantage of reduced noise levels and better EMC behavior. The significant feature is the narrow operating temperature range. Special form factor extends the applications area for the panel. It can be successfully implemented in in-vehicle advertisement signage and retail signage, as well as in public transportation such as metro, high-speed railway, train, or electric bus.

## FEATURES

- Bar type form factor
- Full color performance
- Mini-LVDS interface
- 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	28 bar type	inch	32 : 9
DISPLAY RESOLUTION	3840(H) x 1080(V)	pixel	DPI: 143
ACTIVE AREA	683.52(H) x 192.24(V)	mm	
PIXEL PITCH	178(H) x 178(V)	um	
PIXEL CONFIGURATION	Square		
OUTLINE DIMENSION	698.6(H) x 209.3(V) x 0.953(D)	mm	
NUMBER OF COLORS	60K		
INTERFACE	Mini-LVDS		
OPERATING TEMP. RANGE	+15 .. +35	°C	
STORAGE TEMPERATURE	-25 .. +50	°C	

