

Specification Sheet for
sunlight readable 7" car monitor

SR070
SunRider 070

IMPORTANT

This document contains important information and therefore should not be disclosed to third parties without prior written consent of Advanced Link Photonics Inc..

Features

- > For In-Car Computing, PC, Server, GPS, and various VGA Use
- > High Brightness, High Contrast LCD Panel
- > 4-wire resistive Touch Screen (USB)
- > VGA Input (15 pin D-SUB) x 1 & Video Input x 2
- > Audio Input / Built-in Speaker
- > NTSC / PAL Multi-System
- > Auto detects 800x480 resolution
- > Upgraded High-Brightness LED or CCFL Backlight
- > Adjustable backlight level for night-time use
- > Last Input memory
- > Last Power setting memory
- > IR Remote Control
- > Auto power-on upon signal detection
- > Automatic display adjustment
- > On Screen Display Control
- > Mirror Image Flip (VGA and Video Modes)
- > Vertical Image Flip (VGA and Video Modes)
- > 20-Pin heavy-duty connector
- > TR for sun light readable
- > "E" Mark Certified for Automotive use
- > Anti Vibration
- > Support Max.36V Spike protection
- > Composite one can be set to video signal input or power on/off control signal input by DIP switch

Display Specification for LED model

Screen Size	7" (16:9) LED
Active Display Area (mm)	152.4 (H) x 91.44 (V)
Pixel Pitch (mm)	0.1905 (H) x 0.1905 (V)
Display Resolution (pixel)	800x480
Brightness (CD/m ²)	500
Contrast Ratio	300:1
Viewing Angles (CR >=10)	60,60(H); 60,40(V)
Supported Resolution	640*480@60Hz & 800*600@60Hz
Recommended Resolution	800x480@60Hz

Display Specification for CCFL model

Screen Size	7" (16:9) CCFL
Active Display Area (mm)	152.4 (H) x 91.44 (V)
Pixel Pitch (mm)	0.1905 (H) x 0.1905 (V)
Display Resolution (pixel)	800x480
Brightness (CD/m ²)	350
Contrast Ratio	300:1
Viewing Angles (CR >=10)	60,60(H); 60,40(V)
Supported Resolution	640*480@60Hz & 800*600@60Hz
Recommended Resolution	800x480@60Hz

Touch screen

Touch	4W Resistive
Touch screen interface	USB

I/O Connector

20-Pin heavy-duty connector	Complex lockable connector
VGA Input	15 pin D-Sub x 1
Video Input	Composite RCA x 2
Audio Input / Built-in Speaker	Audio in via RCA/ Internal Speaker
Touch screen interface	USB

Power Management

Operating Voltage	DC 12V
Power Consumption	8 W typical, normal operation

Mechanical and Environment

Dimension	TBD
Weight	TBD
Operating Temperature	-20~70 Celsius
Storage Temperature	-30~85 Celsius
Certification	FCC, CE, E13 Certification
ROHS Compliant	YES

Mechanical Appearance Draft:

