



RVD 104

Rugged Vehicle Display

Display

Screen Size: Diagonal 10.4" (4:3)
 Physical Resolution: 1024 (H) x 768 (V) XGA
 Supported Resolution: 640 x 480 ~ 1920 x 1440
 Contrast Ratio: 700:1
 Viewing Angle: 179° Horizontal, 179° Vertical
 Response Time: 30ms
 Aspect Ratio: 4:3
 High-Brightness LED Backlight
 Sunlight readable transfective option

Luminance

Daylight readable: 350 NIT (cd/m²) transfective native panel
 Direct Sunlight readable: 700 NIT (cd/m²) transfective native panel

Touch

4-wire resistive Touch Screen Option
 Multi-Monitor Touchscreen Support
 Touch Screen Interface: USB or RS232
 Touch endurance: >2M touch

Input

VGA Input (15 pin D-SUB)
 DVI optional
 Composite Video x3 input
 Composite Video x2 / S Video x1 input
 Audio Input / Built-in Speakers 2 x 1,8W

Power

Operating Voltage Range: DC 6V ~ 36V
 Power Consumption: 8W
 Auto power-on upon signal detection (VGA, C-Video and DVI)

Mechanical

Dimension (mm): 247,5W x 184,3H x 30D
 Weight (kg): 1,0
 VESA 75mm mounting holes
 20-Pin heavy-duty connector (all-in-one cable)
 Aluminium chasis/rear. PVC-ABS front
 Cable length: 2,5m/4,5m, custom length available



Environment

Operating Temperature: -30°C ~ 70°C max
 Continuous operating: -20°C ~ 60°C
 Storage Temperature: -30°C ~ 80°C
 Enclosure: IP54, IP65 front bezel
 Vibrations: 1G 2-500Hz
 Shock: 20G 11ms
 Drop 10cm max.

Certifications

CE
 ROHS Compliant
 EMC EN61000, EN55024, EN55022
 MIL-STD810F, 501.4, 502.4 Temperature
 MIL-STD810F 514.5 Vibrations
 MIL-STD 810F 516.5
 24 Months Warranty Europe
 12 Months Warranty International
 "E" Mark Certified for Automotive use Pending

Other Features

Ultra low power
 Wide power input range
 Autoswitch/Autopower on C-video signal
 Wide viewing angle (IPS panel)
 Automatic display adjustment
 On Screen Display Control
 5 Steps programmable Manual backlight level adjustment
 Automatic backlight level adjustment through built-in ambient light sensor (coming soon)
 Last Input memory
 Last Power setting memory

