RD15B
fully rugged 15” display

15 INCHES OF PURE TOUGHNESS.
Certified for MIL-STDs 810 & 461, no other display comes close in reliability, durability, and survivability. The RD15B display has proven itself in severe temperatures, extreme vibrations, water, sand, and whatever else a hostile environment can throw at it. Use as a stand-alone device or as an in-vehicle display.

Technical specification

Display
15” TFT display (38.1 cm visible area)
VGA, SVGA, XGA (max. 60 Hz)
Integrated touch screen, resistive

Resolution
XGA 1024 x 768 pixel

Format
4:3

Display colors
Up to 16.7 million colors or 256 levels of grey

Viewing angle
Vertical: 160°
Horizontal: 160°

Contrast
700:1

Luminance
typ. 300 cd/m²

Reaction time
25 ms (T_on + T_off)

Certification
IP 65 (front side), IP54 interfaces
MIL-STD 810F, MIL-STD 461E Ground Navy

Case
Rugged magnesium housing

Color
Standard: military green, military grey (navy grey)
(other colors on request)

Dimensions
13.82” x 11.81” x 2.24”

Weight
7.9 lbs
### More Technical Specification

- 8 programmable function keys
- Luminance of the display and keyboard dimmable separately
- Delay of the power button (ON / OFF <- press 5 sec)
- Mousepad with right and left mouse button
- 2 speakers
- Dimmable backlight to 0.37 cd/m²
- Quick shut down the backlight
- OSD menu in front panel
- Traction relief
- Invisible mode (door contact)

### Interfaces

**FRONT SIDE:**
- 1x USB

**REAR SIDE:**
- 2x USB
- VGA
- DP-DVI
- MIL DC-In (integrated Invisible mode function)

### Options

- Display mounting:
  - e.g. for vehicle installation
  - RD15B StandUnit
- Certificated for SDIP 27 Level B (BSI Zone 1)
- PiP picture in picture function
  - 2 signal sources can be processed simultaneously

### MIL-STD 810G

<table>
<thead>
<tr>
<th></th>
<th>Operating</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Altitude</strong></td>
<td>4572 m (15000 ft)</td>
<td>4572 m (15000 ft)</td>
</tr>
<tr>
<td>Method 500.4, (Procedure I, II)</td>
<td></td>
<td></td>
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<tr>
<td><strong>Temperature</strong></td>
<td>-31°C to +63°C</td>
<td>-40°C to +85°C</td>
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<tr>
<td>Method 501.4 &amp; 502.4, (Procedure I, II)</td>
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<tr>
<td><strong>Humidity</strong></td>
<td>+30°C to +60°C at 95%</td>
<td>+30°C to +60°C at 95%</td>
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<tr>
<td>Method 507.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Salt fog</strong></td>
<td>5 %, 35°C (95°F)</td>
<td>5 %, 35°C (95°F)</td>
</tr>
<tr>
<td>Method 509.5, (Procedure I)</td>
<td></td>
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<tr>
<td><strong>Vibration</strong></td>
<td>5 - 500 Hz, 1 g</td>
<td>5 - 500 Hz, 1 g</td>
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<tr>
<td>Method 509.4, (Procedure I)</td>
<td></td>
<td></td>
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<tr>
<td><strong>Shock / drop</strong></td>
<td>15 g, 11 ms</td>
<td>15 g, 11 ms</td>
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<tr>
<td>Method 516.5, (Procedure I)</td>
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