



Nir-Or Ltd.

Portable Display & Navigator

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Nir-Or's portable Display and Navigator is a smart ruggedized unit for digital moving maps or any other video display application where high mobility is essential.

Operating on rechargeable or regular batteries, the portable display includes (Navigator version only) a GPS receiver and antenna and sufficient memory for a complete digital moving map database. Both versions can display various video sources and standards.

The unit's 3" x 4" Color Active Matrix LCD (320x234 resolution-1/4 VGA) features high brightness and contrast and a wide viewing angle.

Video-in connection and data downloads are handled through a single plug. Only 5 keys are required to operate all display and map functions.

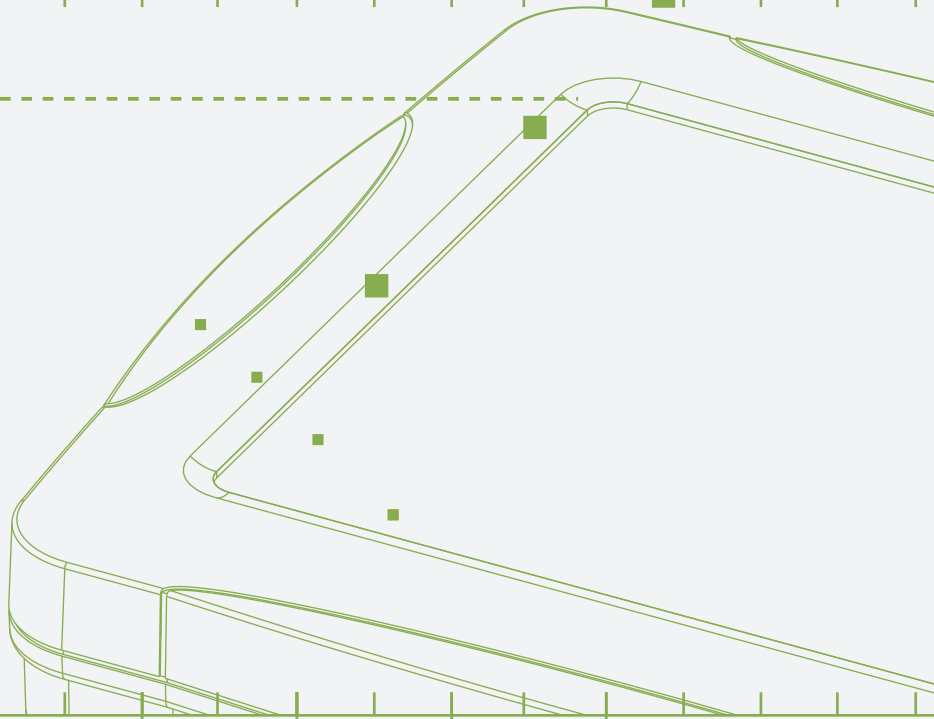
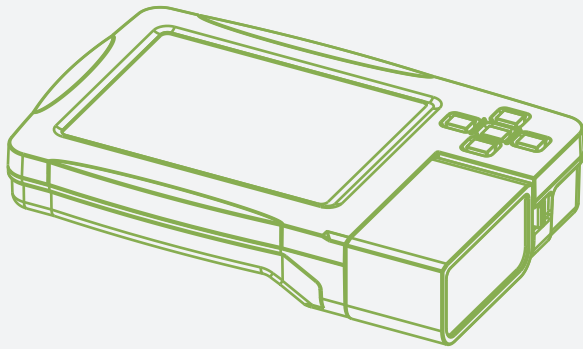
The portable display is suitable for both military and civilian use and can be easily installed on car dashboards, motorcycles and bicycles, or carried in a belt or shoulder pouch. It is fully weather, sand and dust resistant and ruggedized for use in harsh environments.



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Dimensions

Catalog No.	Height	Width	Depth	Weight
DU-5201	19.6cm 7.71Inch	12.9cm 5.0Inch	0.38cm 0.15Inch	600g 1.3lb

Specifications

Power input	12-18V DC, Advanced Power Management
Serial communication	RS-232 through supplied cable
Video display	Composite video in PAL or NTSC
Viewing area	3" X 4" (5.6" diagonal)
Format	320 x 234 x 3 pixel (RGB) color, ¼ VGA
Aspect ratio	3:4
Display luminance	0.3 to 100 fL
Viewing angle	±45° Horizontal; 10° up/30° down vertical
Color capability	8 bit color
Gray shades	256 Levels
Pixel characteristics	RGB stripe, pitch - 0.1065(H) x 0.3195 (V)
Operating temperatures	- 5° to +55°C
MTBF	over 4000 hours
Function keys	5 illuminated keys for systems control
GPS	12 channels
Internal memory	64MB



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