

# EuroNav V RN6CM

## DIGITAL MAP GENERATOR RN6CM (Cockpit Mounted)

The DZUS slot Digital Map Generator (DMG) RN6CM is a single component navigation solution for professional operators who do not require the hardware variability of the RN6 Digital Map Generator installation. Central aim of the development is the compatibility to existing Flight Management Systems (FMS) to form an integrated unit which optimizes mission performance and situational awareness. The RN6CM can also be linked to all kinds of displays depending on the particular preferences of the customer. It provides 14-keys to control all software functions provided by the EuroNav equipment software. The buttons are placed ergonomically and logical for easy use. Furthermore, the buttons are illuminated and NVG-compatible in accordance with the standards RTCA-DO-275 / MIL-STD-3009 and are dimmable via the Central Cockpit Dimming. The RN6CM can easily be installed and exchanged for maintenance (if required) by means of DZUS fasteners.

### RN6CM Advantages

- Minimal Installation Effort
- Saves Weight and Wiring
- All-in-One Box
- DZUS size Cockpit Mounted component
- Saves Cockpit Space (CLN and PCMCIA integrated)

### RN6CM General Data

Title / Part Number: RN6CM / 210.002-001 (NVIS Green A); 210.002-002 (NVIS Green B)

Power Supply: +28V DC

Dimensions: 76 (H) x 146 / 126 (W) x 187 mm (D)

Mounting: DZUS standard panel

NVG Compatibility: NVIS Green A/B (RTCA-DO-275)

Interfaces: - STANAG 3350 B/C Video Interface

- VGA Interface
- Composite Video (PAL/NTSC) Interface
- ARINC 429 Channels
- RS-232 / RS-422 Serial Interface
- LVDS interface
- A/D Input Channels
- Ethernet Interfaces

Control Panel: 14-keys (illuminated, dimmable)

Slots: - 1 x Hard-Disk Drive Slot

- 1 x PCMCIA Slot Type I-II

Internal Memory: 512 MB + 128 MB DOC (Disc-On-Chip)

Transfer Mode: Ultra-DMA Mode

GPS Device: Internal 16-channel GPS receiver

System Software: Embedded on DOC (upgradeable)

Qualifications: RTCA-DO-160D See product sheet: