

D-MAP



Digital Moving Map

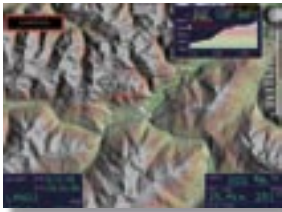
Applications:

- Surveillance
- Tactical military operations
- Maritime patrol
- Law enforcement
- SAR
- Medevac
- Fire-fighting
- Humanitarian operations

D-MAP is Barco's modular mapping product range. The key EuroNav software from EuroAvionics serves a complete scale of cockpit navigation needs, ranging from a standard moving map up to a full navigation and task management system.

Using its field proven avionics display systems and EuroAvionics map generating power, Barco created the world's most versatile hardware and software mapping solution. From mission planning to mission analysis, both hardware and software can be completely tailored according to the A/C platform and A/C mission. D-MAP targets both helicopter and fixed wing platforms, as a stand-alone mapping system or as an integrated function in the Barco MOSArt (Modular Open System Architecture) for full EFIS cockpit configurations.





D-MAP: mapping, mission and more

Functional details:

- Multi-layer overlay capability (flight plans, threats, search patterns, etc.)
- Route & mission planning
- Terrain avoidance, vertical profile
- Obstacle avoidance
- Camera footprint, geo-location
- Video PIP (FLIR, radar, etc.)
- Integration of Datalink information
- North-Up, Heading-Up, Track-Up, A/C symbol selection
- Flight recording (A/C & camera movement)
- Ground station for pre-flight planning and post-flight processing
- DO-178B level C (check factory for status)

Technical details:

- Support of major map formats as CDRG, DTED, Jeppesen & vector-based in all scales
- 2,5D terrain elevation model (DTED) capability, sun shading and color banding effects (3D-like)
- Versatile digital A/C interfacing (ARINC429, Mil-Std-1553, RS-422, ARINC-708, etc.)
- Menu driven, macro programming possible
- PLS (Personal Locator System) interfacing
- Removable Hard/Flash Disk & PCMCIA card
- Ethernet up/download
- Cockpit mounted control panel and/or display keyboard controlled
- Integrated GPS (option)
- Barco display quality

Integrate D-MAP into your cockpit

Stand-alone D-MAP:

EuroAvionics RN6 or RN6CM (cockpit mounted) Digital Map Generator with Barco Avionics CHDD display family



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Technical specifications are subject to change without prior notice

EFIS and D-MAP:

EuroAvionics EuroNav software as a software module on the Barco Avionics MOSArt (Modular Open System Architecture for real-time Avionics applications) EFIS platform



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