DANELEC DM100 (S-)VDR G3

Proven Heritage. Next-Generation Performance.

Choose a VDR that goes far beyond compliance, ensuring uninterrupted data capture, secure remote access, and intelligent system management, all built on more than 20 years of proven reliability.

Mackay

Marine Electronics & Satellite Communications

Unchanged Outside.
Unmatched Inside.

Re-engineered from the ground up, the DM100 VDR G3 delivers secure, uninterrupted data recording and advanced remote management capabilities, enabling smarter compliance, reduced downtime, and better operational decisions.

Whether it's complex cruise installations or rapid retrofits on commercial vessels, the G3 platform adapts seamlessly, ensuring compatibility with previous Danelec models and other VDR brands.

Unique Value

- **Future-Ready Platform:** Designed to meet today's highest regulatory, operational, and cybersecurity standards, with lifecycle support guaranteed through 2040.

- **Global Reach:** Backed by the industry's largest service network, over 200 partners and 1.000 trained technicians worldwide, with strategically stocked spares for rapid response.

- **SWAP Technology™:** Enables quick replacement without rewiring, reducing service time and vessel downtime.

- **Proven Performance:** Built on the most trusted VDR platform in the market, now with more processing power, expanded battery capacity, and modular architecture.

- **Regulatory Excellence:** Certified to IACS UR E27 and IEC 61162-460 Ed. 3.0, exceeding IMO and SOLAS requirements.

Key Capabilities

- **Cloud-Ready Connectivity:** Seamless integration with Danelec Safety Insights for real-time health monitoring, remote diagnostics, configuration and compliance management.

- **Intelligent Modular Storage:** Scales to handle high-bandwidth data including S-100 ECDIS overlays, 4K radar feeds, and continuous multi-sensor inputs.

- **Video Integration Readiness:** IP Video Interface (IPVI) for synchronized CCTV and VDR data playback to enhance situational awareness and incident analysis.

- **Remote Operational Performance Testing (Remote OPT):** Initiate compliance testing from shore without crew burden.

- **Pre-APT Preparation:** Remote diagnostics and reporting to ensure a 90%+ one-time fix rate for service visits.

- **Backwards Compatibility:** Fully compatible with previous Danelec VDR models for cost-effective fleet upgrades.

Certified Excellence

- IMO Type Approval Certificate
- DNV Type Approval Certificate
- *ABS Type Approval Certificate**
- *Lloyd's Register Type Approval Certificate**
- *Bureau Veritas Type Approval Certificate**

* Pending

Pioneering Maritime Innovation

At Danelec, we're committed to advancing VDR technology and maritime safety. We continue to invest in innovation, ensuring our solutions remain the benchmark for reliability, compliance, and operational value, today and for decades to come.

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