CloudMule
OCEANGUARD M2

THE CLOUDMULE OCEANGUARD M2 IS A VERSATILE, DESK-MOUNTABLE MARINE MONITORING AND NAVIGATION SYSTEM DESIGNED FOR COMMERCIAL AND INDEPENDENT FISHING VESSELS. BUILT FOR RELIABILITY, PORTABILITY, AND EASE OF USE, THE M2 IS IDEAL FOR CAPTAINS AND CREW SEEKING A COMPACT, ALL-IN-ONE COMMAND CENTER BOTH AT SEA AND IN DOCKSIDE OPERATIONS.

UNLIKE FIXED SYSTEMS, THE M2 IS ENGINEERED FOR QUICK DEPLOYMENT AND VESSEL-TO-VESSEL TRANSFER, ALLOWING USERS TO GET UP AND RUNNING IN MINUTES. ITS OPEN-SOURCE MAPPING PLATFORM PROVIDES FLEXIBLE AND COST-EFFECTIVE MARINE NAVIGATION—IDEAL FOR OPERATIONS IN REGULATED, NEARSHORE, OR REMOTE WATERS.

SUPPORTING 12-36VDC POWER, THE OCEANGUARD M2 IS ADAPTABLE TO A WIDE RANGE OF VESSEL ELECTRICAL SYSTEMS, FROM SMALL OUTBOARD BOATS TO LARGER DIESEL-POWERED CRAFT. THE FULL-HD TOUCHSCREEN INTERFACE, ONBOARD SSD STORAGE, AND SUPPORT FOR UP TO 8 IP CAMERAS DELIVER HIGH-QUALITY VIDEO SURVEILLANCE, GPS TRACKING, AND OPERATIONAL INSIGHTS IN REAL TIME.

EQUIPPED WITH WI-FI HOST AND CLIENT MODES, THE M2 OFFERS SIGNIFICANT COST SAVINGS BY ENABLING WIRELESS OFFLOAD OF FOOTAGE WHEN BACK AT THE DOCK—REDUCING THE NEED FOR CONSTANT LTE STREAMING. WHEN LTE IS NEEDED, ITS GLOBAL-BAND MODEM ENSURES STRONG CONNECTIVITY ACROSS NORTH AMERICA, EUROPE, AND ASIA.

WHETHER USED FOR FLEET COMPLIANCE, CREW SAFETY, BYCATCH DOCUMENTATION, OR REAL-TIME NAVIGATION, THE OCEANGUARD M2 COMBINES SMART HARDWARE WITH SEAMLESS CLOUD CONNECTIVITY— GIVING VESSEL OPERATORS CONFIDENCE, CLARITY, AND CONTROL.

Specifications		LAN Ports	2 × 1GbE LAN Ports (Standard Bandwidth)
Camera Support	Supports 2–8 IP cameras 30W max per camera port Total Load: 240W max	Power Input	12V–24V DC Input (Marine Compatible)
PoE	IEEE 802.3af/at compliant (Power over Ethernet)	Construction	Galvanized steel, powder-coated satin black
Connectivity	Wi-Fi Host & Client Modes LTE Support with Global Bands: • North America: Bands 2, 4, 5, 12, 13, 14, 17, 25, 66, 71 • Europe: Bands 1, 3, 7, 8, 20, 28 • Asia: Bands 1, 3, 5, 8, 40, 41	Mounting	Flexible desk or wall-mount configuration
GPS	Built-in GNSS module for real-time location tracking	Operating Temp	-20°C to +60°C
Display	15.6" Full HD (1920×1080) Resistive Touchscreen (Glove-friendly)	Software	CloudMule UI with support for: • Camera Viewing • GPS Tracking • Navigation Integration
Storage	Built-in SSD Options: 1TB / 2TB / 4TB Shock and vibration-resistant	Ease of Use	Simple touchscreen operation Minimal training required

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