RVD-Rugged Vehicle Dock

for General Dynamics Itronix GD6000 computer

The RVD Rugged Vehicle Dock for General Dynamics Itronix GD6000 computers

When you need a rugged computer to tough out whatever environment it is in, you need a Rugged Vehicle Dock made to go the extra mile. Installed in Military vehicle, your computer will run reliably, no matter the terrain or drive type (tracks or tires).

Made-to-Fit

The Rugged Vehicle Dock (RVD) simplifies the docking process of GD6000/ GD6500 in military (tactical and tracked) vehicles virtually to 'plug & play'. The RVD will keep your semi-rugged computer functioning while using it under the harshest of circumstances. From specialized connectors and unique power requirements to custom color and customized protective coatings, we can deliver the vehicle mount that meets both your specifications and expectations.



Tough

Built from a lightweight aluminum alloy, the rugged RVD dock can withstand the wear and tear of life in the field. It's designed to meet the appropriate military standards for handling shock, vibration, and humidity as well as EMI and RFI suppression, ensuring the computer's operation no matter what vehicle it's mounted in. The durable design of the RVD has been field-proven during deployment by the Israeli Army (IDF) in their APC-M113s.



Ergonomic

The RVD enables you to mount your GD Itronix notebook at any angle or orientation, horizontal to vertical, for ease of accessibility.

A specially designed latching mechanism locks the computer in place and ensures reliable electrical and signal connections, guaranteeing full computing power, when and where you need it.

Convenient

Standard inputs and outputs include VGA, USB x2, RS-422/485, Ethernet (10/100Mb), and a power input range from 16-32vdc (MIL-1275D). Options include : RS-232, 1000Mb (GBit) Ethernet, video capture, video output and audio in/out. The RVD can be configured with industry standard connectors, or built with a wide variety of MIL connectors, including D38999, Amphenol or Glenair.



Customer Service: Our Advantage

We have close relationship with General Dynamics, which provides us with the knowledge and understanding needed to design GD compatibility into our products. This relationship, coupled with our years of experience and knowledge garnered from working with the military, allows us to design products that meet the real needs of field deployment, whether they're standard models or custom designed. Our support staff works closely with our engineers and our customers. Questions are answered promptly and accurately – and should you ever need service, your unit will be quickly repaired, tested and returned to you with quick turnaround.

Additional Products

In addition to the RVD for GD6x computers, we support other GD models – and mounting them in a wide range of vehicles. Contact us today for a solution to meet your needs. * This unit is manufactured also in U.S. and is eligible for funding under FMF/FMS programs.



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Tech Specs * These are just a few of the standard specications. For more information and other options, please contact us.	
Temperature	Operating: -20° - +60° Celsius
	Cold Start: -20° Celsius
	Non-operating: -55° - +75° Celsius
Drip Proof	MIL-STD-810E, Method 506.3
Humidity	MIL-STD-810E, 95% RH (Non-condensing)
Vibration	MIL-STD-810E, Method 514.4, Cat 8 Ground vehicles (tracked and wheeled)
Shock	MIL-STD-810E, Method 516.4, Proc. I 40g @ 11ms, half-sine 130g @ 2ms.
EMI/RFI	Designed and built to MIL-STD-461C-CE03
Mechanical	Dimensions : 13.7"W x 12.4"D x 6"H
	Weight : 3.5kg (approx.)
Power Input	16-32vdc. Designed and built to MIL-STD-1275D





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