



DataMetrics™

3000 R.H.I.N.O. RUGGED HIGH SPEED INFORMATION OUTPOST

*Previously Model #3000



Key Features

- Designed to MIL-STD-810E/461C
- Customer Definable CPU
- Aluminum Chassis
- Customer Definable Configurations

Model 3000 R.H.I.N.O. Rugged High Speed Information Outpost

The Model 3000 R.H.I.N.O (Rugged Hi-speed Information Network Outpost) is an all-in-one mobile workstation that enables the user to act as a central point of command or stay connected with the command center while in the field. Designed and manufactured with DataMetrics™ quality, ruggedization, and attention to detail, the Model 3000 R.H.I.N.O is able to withstand the most severe climates around the world. From the sandstorms of the Middle East to the jungles of Central America the Model 3000 R.H.I.N.O is *Fully Mission Capable™*.



*Simulated Image

Fully Mission Capable™

Environmental Characteristics

Altitude	Operating: 1,000 – 10,000 ft. Non-operating: -1,000 – 40,000 ft.
Bench Handling	MIL-PRF-28800
Rain & Drip Proof	MIL-STD-810F, Method 506.4, Procedure III
Drop Test	MIL-PRF-28800, Class 3 (transit test drop 24")
EMI/EMC	FCC and CE, Part 15, Class A MIL-STD-461E
ESD	MIL-STD-1686A
Explosive Atmosphere	MIL-STD-810E
Fungus	MIL-STD-810E, Method 508.4
Humidity	Operating: 10% to 80% relative, Non- condensing Storage: 5% to 95% relative, Non-condensing
Orientation	Operating ±30° Storage: Any
Shock	20g, MIL-STD-810E, Method 516.4
Temperature	Operating: -20°C to 50°C Storage: -40°C to 60°C
Vibration	Random: MIL-PRF-28800, Class I Sinusoidal: MIL-STD-810C, Method 514.2

Performance Characteristics

Computer	
Auxiliary I/O Card	Customer Definable
DVD ROM	Standard: DVD ROM Optional: DVD-RW
CPU	Customer Definable, up to 3.0GHz Intel Pentium 4
Expansion Slots	6 PCI, 1 AGP or 1 PCI-E
Floppy Drive	Optional
Graphics Card	On-board Intel Extreme Graphics Accelerator
Hard Drive - Standard	10GB internal solid state drive
Hard Drive - Optional	Removable solid state drive/compact flash bay
Keyboard	PS/2 (mouse, trackball and keyboard)
Main Memory	Customer Definable up to 2GB DDR DIMMS
Networking - Standard	10/100 Base T Ethernet
Networking - Optional	Gigabit ethernet, or integrated GSM/GPS Ports
Ports	4 USB standard, parallel port, serial ports optional
Monitor	
Backlight	Sunlight viewable equivalent to 1000 nits
Display Color	Active Matrix TFT
Display Size	15" diagonal
Interface	HDI5 VGA (optional 5X BNC)
Viewing Angle	±60° all views

Keyboard

Layout	Standard Qwerty
Mouse/Trackball	Integrated 1.38 diameter trackball with left and right keys
Interface	9 pin D-Sub male IBM PS2

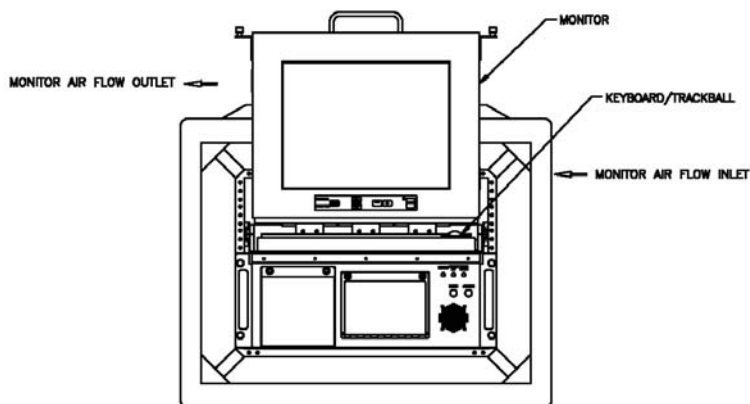
Electrical Characteristics

Power - Standard	85 - 260 Vac, 44 - 440 Hz and 28 Vdc
Power Consumption	150 Watts (400 Watts with optional heaters)

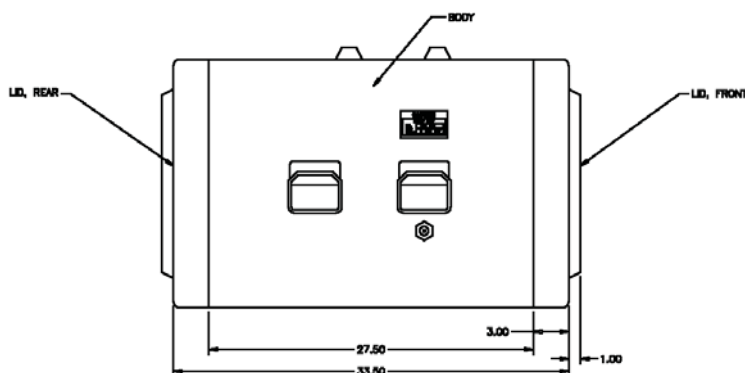
Physical Characteristics

Size	27" W x 20.5" H x 37.5" D
Weight	95 lbs. (two man lift required)

Front View



Side View



Ordering Information

Please contact DataMetrics™ for exact specifications and options.