

Ground Control System

ARES 12H



Based on Panasonic CF-33 Windows OS Tablet

The **Ares 12H** is a compact, mission-ready Ground Control Station (GCS) platform built for the rigorous demands of defense and homeland security operations. Designed to perform in harsh environments, it combines high performance, exceptional reliability, and operational flexibility within a lightweight, highly portable form factor.

SOFTWARE

Windows 11Pro

STORAGE & MEMORY

16GB / 32GB LPDDR4
512GB / 1TB / 2TB Opal NVMe SSD

INTERFACES

Power IN - D38999	Composite Video In
10/100/1000 Mbps Ethernet	Discrete
RS422 - D38999	HDMI Out
Audio In x 2 (Line + Mic)	USB2.0
GPS In	JTAG

JOYSTICK & PUSH-BUTTONS

Several Push-Buttons
2 x Joysticks
Fire & ARM secured Covers

CONNECTORS

D38999 Connectors

COLOR

Black, Other colors - Optional

CPU

Intel Core i5-1345U / i7-1370P vPro CPU

DURABILITY

Temperature, MIL-STD-810G, Method 501.5 & 502.5
Operating-29°C to +60°C
Non Operating-40°C to +70°C
Humidity, MIL-STD-810G, Method 507.5
Shock, Functional: MIL-STD-810G, Method 516-6,
Proc.I 40G 11ms, Saw-Tooth
Ingress Protection Rating, IP65
Chassis, Aluminum (Docking)
Connectors, MIL-STD - D38999

POWER SUPPLY

Input 16-32vdc

DIMENSIONS & WEIGHT

230mm H x 369mm W x 40mm D
2.5 Kg (with Tablet)

WARRANTY

1-year limited warranty, parts and labor