

Ruggedized Vehicle Docking Stations (RVDS)

RVD VENTURE+ BASED ON 12" RUGGED COMPUTER

Our cost-effective Rugged Vehicle Docks (RVDs) let you mount a rugged COTS computer in virtually any type of vehicle – tracked or wheeled, marine environment or desert, urban or out in the wild.

These rugged docks are designed and tested to MIL standards, will protect your computer and its data, and offer a wide range of connections to meet most communication standards.



- Fully ruggedized, high-performance tactical 12" rugged computer
- Complies with MIL-STD 810, 461, 1275 and IP6
- Meets the requirements for tanks, artillery and APC
- Includes a wide range of interfaces

RVD VENTURE+ BASED ON 12" RUGGED COMPUTER



Tech Specs

SOFTWARE Windows 10 Pro 64 bit

CPU

Intel® Core™ i5-10310u VPro™ Processor (3 MB cache, 2.6 GHz up to 3.5 GHz with Intel® Turbo Boost Technology)

STORAGE & MEMORY

32GB LPDDR3

SSD M.2 2TB

TEMPERATURE

MIL-STD 810G, Method 501.4 & 502.4

Operating -28° C to +60° C

Non Operating -50° C to + 70° C

HUMIDITY

MIL-STD-810G, Method 507.4

VIBRATION

 MIL-STD-810G

Method 514.5 Procedure I, Category 20

SHOCK

 FUNCTIONAL

MIL-STD-810G, Method 516-5, Proc.I 40G 11ms, Saw-Tooth

EMI/RFI

MIL-STD-461F

INGRESS PROTECTION RATING

 IP65

CHASSIS

Aluminum (Docking)

DISPLAY

12" 3:2 QHD 2160X1440

10-point capacitive multi-touch + Waterproof Digitizer pen daylight-readable screen:

- 2-1200 nit
- Intel® UHD Graphics

CONNECTORS

- J1 – MS3112E12-3PY with dust cap
- J2 – 20W35SN with dust cap – not connected
- J3 – 20WA35PN with dust cap
- J4 – 20WC35SN with dust cap
- J5 – 20WA35SN with dust cap

INTERFACES

- Power In 16-32 Vdc, Power Out 28VDC (Direct connection from EMI filter to J5) – Option
- 10/100 Mbps Ethernet x 1
- Audio In/Out
- USB2.0 x 3

POWER SUPPLY

Input 16-32vdc. MIL-STD-1275D

MECHANICAL INTERFACES

- VESA
- RAM Mount
- Shock Absorbers

DIMENSIONS 310mm H x 320mm W x 119mm D

WEIGHT 5.5 Kg

COLOR Black

WARRANTY 1-year limited warranty, parts and labor