



DAVID

Tactical Computer

DAVID is a new concept in the multi-purpose utilization of high capacity tactical C4I and video capabilities for both mounted and the dismounted applications.

In dismounted operations, this low weight, power-efficient, ruggedized computer is an indispensable tool. When connected to its expansion unit, it becomes fully compliant to mounted missions, receiving power from the vehicle. Connection to additional video input sources further increases its added value.

- »» Multi-purpose applications (Mounted/Dismounted)
- »» Low power consumption
- »» Low weight
- »» Display adaptable to application or particular mission
- »» Multi-sensor connectivity

Basic Portable Configuration



Expansion Unit (For vehicle)



Technical Characteristics

Data spec

Processor Powerful Intel® Atom processor up to 1.6GHz

Memory Up to 4 GB

Graphic/Sound Onboard graphic chipset up to 64 MB memory
AC97 compatible

Storage 32 GB rugged solid state drive (up to 64 GB)

With Expansion unit – additional 80 GB rugged 1.8" SATA drive (up to 120 GB)

Ports adjustment 5 USB 2.0
4 serial ports (2 RS 232, 2 RS 232/422/485 -

configurable) 2 PS2
Audio out (Stereo)

Microphone input
Type II PCMCIA

XGA out

LVDS out

2 SATA

2 LAN (10/100/1000)

1 Video in (3 with expansion port)

Communication options Integrated GPS

Wireless LAN

Mesh

Cellular

Operating System Operating System

Windows® XP

Vista® or Windows®7 (Optional)

Power Supply

Power input 9-32VDC MIL-STD 1275 (For mounted configuration)

Battery Li-ION (14.7V, 5.2AH)
Operating duration of 8-10 hours continuous
Hot Swap of 10 minutes

Environmental

Operational Temperature -40°C to 80°C

User

Controls ON/OFF

Controllers Glenair Mighty mouse®

Physical

Main unit 160 x 188 x 51 mm

Dimensions (6.3 x 7.4 x 2 inch)

Expansion 160 x 194 x 45 mm

Dimensions (6.3 x 7.6 x 1.8 inch)

Weight 950gr

MIL-STD

Complies with MIL-STD-810

Complies with MIL-STD-461

Complies with MIL-STD 1275



✉ itl@itlasers.com
🌐 www.itloptronics.com
☎ +972(3)9277444
📠 +972(3)9277445