TECH SPECS

SPECIFICATIONS

INTERFACES	RS-422, RS-232 Ethernet 10/100 Base-T for IP-based data sources Analog video: NTSC, PAL, CCIR & RS-170 monochrome input Digital video interface – SDI
PRiMARY LINK FREQ BAND	S/C Band
MODULATION	GMSK
FORWARD ERROR CORRECTION	Convolution & Reed Solomon
END TO END VIDEO LATENCY	<120ms
VIDEO COMPRESSION	H.264
COMSEC	AES: 256bit
TRANSEC	FH or DHSS
ENVIRONMENTAL CONDITIONS	MIL-STD-810F / MIL-STD-461E
OPTIONAL DATA RATES	2/4/6/8/10 Mbps

GROUND DATA TERMINAL (GDT) / REMOTE VIDEO TERMINAL (RVT)

RANGE	15km (Short Range GDT/RVT) 75km (Med Range GDT/RVT) 150km (Long Range GDT)
WEIGHT	2.5kg (Short Range GDT/RVT) 3.5kg (Med Range GDT/RVT) 23kg (Long Range GDT)
ACCESSORIES	Tablets/Laptops, Control SW, Batteries, Battery Chargers, Tripods, etc.

AIRBORNE DATA TERMINAL

DIMENSIONS	27mm x 95mm x 115mm
WEIGHT	~300g
POWER CONSUMPTION	23W

QUESTIONS?
Reach out to us at
combatproven.tech
or call 858.571.4330

ENGINEERED TO YOUR SPECIFICATIONS

• In-house engineering department
• Design and build of rapid prototypes. Experience with solving difficult customer application problems through knowledge of the industry and custom system design and manufacturing capability
• Our Engineers use Solid Works 3D CAD modeling software for mechanical design and thermal simulation
• Design experience with MIL-STD-167, MIL-STD-461, MIL-STD-810, and MIL-S-901, in addition to FCC, UL, CE, and country specific agency requirements

REVISION CONTROL & CONFIGURATION MANAGEMENT

• Our Program Managers will assure your products are revision controlled for the life of the program
• Configuration Management to assure TAA Compliance and system compatibility
• One part number for life of the program
• Counterfeit and obsolescence management

FACILITY AND TEST

• All integration work is performed in a state-of-the-art, ESD-controlled facility
• Our facility has 23,000 sqft and has dedicated 12,000 sqft to manufacturing and 3,000 sqft to engineering
• Operate to anti-static standard ANSI/ESD S20.20-2007 and electronics assembly standard IPC-A-610, Revision E-2010

QUALITY COUNTS

• ISO 9001:2015 Certified
• 100% system inspection before shipment
• All integrated systems undergo a minimum 24-hour system test and burn-in before shipment to the customer
• Assistance with 3rd party verification of system specifications
• 5-year warranty on all servers and 3-year warranty on LCD monitor products
• TAA compliant
• Built in the USA

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