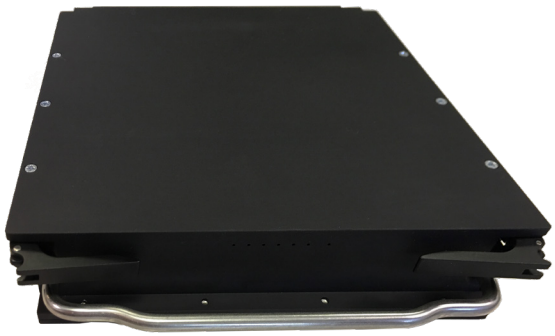
VAADRQuicksilver
qsBolt



SMALLER. *LIGHTER.* **FASTER.**

- Zero Dropped Frames
- Heavily Ruggedized
- Sustained High-Bandwidth
- RAW or Compressed Video & Data Capture

FLEXIBLE
Work with our engineers to adapt its modular I/O architecture to your unique specifications and custom requirements.

RUGGED
Handle the most extreme working environments with a durable, rugged, shock-resistant construction inside and out.

COMPACT
Integrate easily in the field with one of the smallest, lightest, low-power recorders on the market, with a total volume of 48.7 cu in.

VERSATILE
Interface with USB 2.0 / 3.0, Camera Link, HOTLink, HDMI, DVI, 3G-SDI, GigE Vision, or 10GB Ethernet.

RELIABLE
Perform sustained, reliable, high-speed, recording with zero dropped frames for mission-critical video and complex data, to a high-capacity DVR.

ROBUST
Capture massive video files and critical data faster in RAW or compressed format via the built-in high-bandwidth network interface.

IMMEDIATE
Remove the portable drive with the easy-to-grab handle for debriefing, and observe, review, and enhance video with optional VAADRView software.

APPLICATIONS
- Military or Commercial Airborne Recording
- Ground Vehicle Recording
- Reconnaissance
- UAV
- Mission Training
- Space Launch Imaging

PROVEN
Leverage our 15 years of experience, as well as proven solutions for high-profile defense, military, and aerospace clients.

TRUSTED
Rest easy with a COTS drive, designed, coded, manufactured, and supported in the USA.

SPECIFICATIONS	QSBolt
OPERATING SPECIFICATIONS	
SUSTAINED BANDWIDTH	750 MB/sec
PHYSICAL	
DIMENSIONS	6.36" x 6.13" x 1.25" (LWH)
WEIGHT	2.5 lbs (1.1 kg)
VOLUME	48.7 cu in
ENVIRONMENTAL	
RUGGEDIZATION STANDARD	MIL-STD-810F
OPERATING TEMPERATURE	-25˚C to +70˚C (Self heating at temperature below -25˚C)
NON-OPERATING TEMPERATURE	-50˚C to +85˚C
MECHANICAL SHOCK	810F, Method 516.5, Procedure 1
VIBRATION	810F, Method 514.5, Procedure 1
MAX ALTITUDE	Op: 50k feet, Non-Op: 70k feet
HUMIDITY	810F, Method 507.4
EMI/EMC	MIL-STD-461E, including CE102, RE102, CS101, CS114, CS115, CS116, RS103
ELECTRICAL	
POWER	12V power barrel for desktop operation 28V thru rear connector Battery Backed RTC
MAX POWER CONSUMPTION	40 Watts
INTERFACE OPTIONS	
HOTLINK	8 RX Channels
	2 TX Channels (Via alternate I/O module)
ANALOG VIDEO	2 Channels In, 1 Channel Out RS170 or NTSC (Standard I/O module
ETHERNET	2 1Gb RX/TX Channels, 1 10 GB RX/TX (Standard I/O module)
CONTROL	5 RS422 RX Channels, 2 RS422 TX Channels, 1 RS232 Transceiver (Standard I/O module)
	16 General Purpose I/O (Via alternate I/O module)
HD-SDI	1 Input 1 Output (Via alternate I/O module)
CAMERA LINK	1 Base Config Input (Via alternate I/O module)
AUDIO	16 bit Line Level Input/Output (Via alternate I/O module)
XAUI	4 Pair RX/TX (Via alternate I/O module)
XFI	1 Pair RX/TX (Via alternate I/O module)
Other Options Available Upon Request	
DEBRIEF OPTIONS	
USB	1 - USB 2.0/3.0
Other Options Available Upon Request	
AVAILABLE RECORDING CAPACITIES	512GB up to 16TB