

Video Encoder/Decoder, Model VED

Make your camera and recorder a data acquisition/retrieval system



Encode Mode

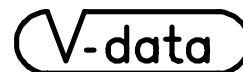
- Edge encodes and displays voltage, pulse width, and event input inputs
- Edge encodes and displays time to the millisecond with failsafe lock to IRIG-B or GPS
- Displays a moveable crosshair for camera boresight
- Receives and displays RS-232 data including GPS
- Expansion card with many options available. Custom firmware available

Decode Mode

- Displays crosshair and crosshair coordinates
- Crosshair position control from front panel, serial port, or joystick
- Reads edge-encoded data from live, playback, or still video
- Serial port output of crosshair coordinates and decoded data
- Software included for easy interface and data transfer to a DOS compatible PC

V-data
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Standard Version \$1625.00, FOB Destination in USA



Video Encoder/Decoder Specifications and Pricing

Size: 7"W x 9"L x 2 1/2"H (17.8cm x 22.9cm x 6.4cm)

Weight: 3 lbs (1.4kg)

Power in: 7-16 VDC, 100 ma, (9-32 VDC power range optional)

Video In/Out: BNC connector, 1 V p-p into 75 ohms, NTSC (YC adapter available)

IRIG-B in: BNC connector, 3 V p-p, opto-isolated, sampled each field at vertical sync

Serial in/out: DB25F connector, RS-232, 4800 baud, 8 data bits, 1 stop bit, no parity

Voltage in: three channels, 0-9.999VDC, sampled each video field

Pulse width in: three channels, 0-9.999 ms, sampled each video field

Event in: three channels, ground activated, sampled each video field at vertical sync

| Video Encoder/Decoder | <u>Model</u> | <u>Price</u> |
|--|---------------------|---------------------|
| with manual, software, cable, and power supply | VED-A/B | \$1625.00 |
| Optional 9-32 VDC input power range | HVI | 50.00 |

External Options

| | | |
|---|-----|---------|
| Joystick with cable for use with VED | JSM | |
| 75.00 | | |
| Rack mount panel (3 1/4 x 19, holds two VEDs) | RMP | 25.00 |
| S-Video/ YC adapter | YCE | 50.00 |
| 12 channel GPS receiver/antenna with 15' cable | GPE | 350.00 |
| Pan and Tilt Driver (requires JSM and PTC) | PTD | 300.00 |
| Digital Magnetic Compass | DMC | 300.00 |
| Dual Axis Clinometer | CLI | 300.00 |
| Digital Compass/Clinometer (+/- 20 degree tilt) | CC1 | 1000.00 |
| (+/- 50 degree tilt) | CC2 | 1100.00 |
| (+/- 80 degree tilt) | CC3 | 1500.00 |

Internal Options

| | | |
|---|-----|--------|
| Expansion Card (needed for all internal options) | EXP | 100.00 |
| Dual Video In/Out with split screen capability | DVC | 150.00 |
| Two additional RS-232 channels (for laser ranger, etc.) | SER | 150.00 |
| Az, El resolver inputs (2 VRMS) | RIL | 400.00 |
| Az, El synchro/resolver inputs (11.8 or 90 VRMS) | RIH | 500.00 |
| Resolver Reference Output (2 VRMS, 1KHz) | ROH | 100.00 |
| Resolver Reference Output (11.8 VRMS, 1KHz) | ROL | 150.00 |
| Pan and Tilt Controller (requires JSM and PTD) | PTC | 150.00 |
| 12 Channel GPS Receiver with external antenna | GPI | 600.00 |

Delivery: 30 days maximum for standard version, FOB Destination in USA

Terms: MasterCard/Visa or Net 30

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