

Video Encoder/Decoder, Model VED

Make your camera and recorder a data acquisition/retrieval system



Encode Mode

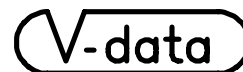
- Edge encodes and displays voltage, pulse width, and event input inputs
- Edge encodes and displays time to the millisecond with failsafe lock to IRIG-B or GPS
- Displays a moveable crosshair for camera boresight
- Receives and displays RS-232 data including GPS
- Expansion card with many options available.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