



Spectra Systems
CORPORATION

The VeriCam™

Spectra Systems' VeriCam™ represents a new advance in portable data terminals for the product tracking and security markets. This compact, lightweight unit incorporates a broad range of features not found in any other data terminal on the market. These include:

- Detection of codes within Polystar™ enabled security paper
- Magnification and viewing of microprint
- Reading of information VeriCoated onto optical media (CDs & DVDs)
- Reliable decoding of standard barcodes and Spectra's LaserCode™ symbology
- RF LAN and cellular connectivity to printers and networks
- High storage capacity for collected batch data
- Fast and flexible data download via USB connectivity
- Easy-to-use configuration and digital imaging capability
- Rugged construction

Simple to use and built tough for field use, VeriCam™ can instantly read, capture and store watermarked data embedded in graphic elements and photographs. This capability provides the necessary on-the-spot verification that is crucial to applications such as:

- Authentication and security of identity documents and financial instruments
- Product identification and tracking through covert product labeling
- Protection against the diversion and counterfeiting of brand name goods

In its photo mode, VeriCam™ captures and stores images for record keeping and functions as an integrated management terminal for security applications. Its programmable touch-screen supports signature capture and allows download or upload via USB, RF LAN or cellular connectivity for easy retrieval, or comparison, of captured information.



VERICAM™



When you combine VeriCam's versatile hardware platform with Spectra's digital watermarking software and PolyStar™ security paper, you gain the highest level of document and product protection available in the marketplace. This mix of the physical and digital domains provides a bulletproof means of protection through the unique lock and key relationship afforded by Spectra's combined platform technologies.

Product Specifications

Memory

Flash ROM	4 MB Standard
SDRAM	16 MB standard on board
Compact Flash Socket	All Type I or II memory devices

**Option of a 340 MB Micro drive*

Communications and IO

USB	One USB v1.0 compliant end point, LAN and cellular connectivity also available
CF	Removable Compact Flash Type II card, 16 MB Card-standard (Expandable to 256MB)
CCD	1.45 Mega Pixel CCD
Shutter Speed	1/2000 to 2 sec
Illumination	Interchangeable UV, Blue and Clear xenon flash, White LED Ringlight for closeup work
Focus Range	1.25" to ∞
Aperture	F:3 to F:24
Pointer	Red laser
DisplayType	TFT Color LCD 2.45 Diagonal 1.94"(W) x 1.50"(H)

Keypad

Type	35 Elastomer keys. Eight programmable function keys
Backlight	CCFL w/adjustable brightness

Power

Battery	3 hour continuous operation
Charger	4 hour charge time
Input	110-240 VAC +/- 10% 50-60Hz

Software Specifications

User Interface	Textual, menu-based interface
Decode	1D, 2D and LaserCode™ barcode symbologies, PolyStar and SysCop digital watermarking detection

Mechanical Specifications

Width	3.2" (81 mm)
Length	8.4" (213 mm)
Depth	2.2" (56 mm)
Enclosure	PC/ABS blend material for water and high impact resistance