

# VandalVeto

## VVF7000

### Introduction:

The VVF7000 Reader is a USB fingerprint reader, the user simply places his or her finger on the glowing reader window, and the reader quickly and automatically scans the fingerprint. On-board electronics calibrate the reader and encrypt the scanned data before sending it over the USB interface.

The VVF7000 utilizes optical fingerprint scanning technology for superior quality and product reliability. The VVF7000 Reader and VV fingerprint recognition engine have an unmatched ability to authenticate even the most difficult fingerprints.

### Features:

- Small form factor
- Excellent scan quality
- Encrypted fingerprint data
- Latent print rejection
- Counterfeit finger rejection
- Rotation invariant
- Rugged
- Works well with dry, moist, or rough fingerprints
- Compatible with Windows. 8, 7, XP, 2000, Me, 98,
- NT. 4.0 and Windows Server 2000, 2003



### Specifications:

Pixel resolution: 512 dpi (average x,y over the field)  
Scan capture area: 15 mm (nom. width at center), 20 mm (nom. length) - 8 bit grayscale (256 levels of gray)  
Reader size (approximate): 63 mm x 39 mm x 91 mm  
Compatible with USB 1.0, 1.1 and 2.0 (Full Speed) specifications  
Supply Voltage: 5.0V  $\pm$ 5% supplied by USB  
Supply Current – scanning 190 mA (Typical)  
Supply Current – idle mode 140 mA (Typical)  
Supply Current – suspend mode 1.5 mA (Maximum)  
ESD Susceptibility >15 kV, mounted in case  
Temperature, Operating :0°C - 40° C  
Humidity, Operating: 20% - 80% non-condensing  
Temperature, Storage: -10° - 60° C  
Humidity, Storage: 20% - 90% non-condensing  
Scan data: 8-bit grayscale  
Standards Compliance: FCC Class B, CE, ICES, BSMI, MIC, USB, WHQL