# Pro-Series TVIP4FV-Pro

Professional Multi-Biometric Vein and Fingerprint IP Reader

Professional vein pattern recognition and fingerprint reader is combined in this next generation reader. It also includes an RFID Prox reader.

The combination of fingerprint and vein pattern recognition dramatically increases the reliability of this IP reader. The multi-biometric capability processes the vein pattern under the finger as well as the fingerprint. This biometric information is captured and converted to a biometric template. The matching and verification algorithm is fast and accurate.

## Access Control Interface:
- Lock Relay Output
- Alarm Output/Auxiliary Input
- Exit Button/Door Sensor
- Doorbell Output

## Communication:
- TCP/IP, RS485 (for slave reader)
- USB Host
- Wiegand Input/Output

## Biometric Performance:
Latest high performance sensor and processor matches fingerprints in less than 1.5 secs.

## Hardware
- Fingerprint Sensor
- 2.8 Inch TFT-LCD Touch Screen
- 125 kHz or 13.56 MHz Card Reader (options)

## Standards Functions:
- Tamper Switch Alarm
- Central Software Management:
  - Access Control software: TVIP-TIRSoft

## Specifications

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| Capacity               | Fingerprints: 1,500
|                        | 1,500 vein patterns
|                        | Card: 2,000 |
| Display                | 2.8 Inch TFT-LCD Touch Screen |
| Communication          | Ethernet, RS 232, RS485, Wiegand Input and Output, USB Host |
| Power                  | 12V DC, 3A Comes with power adapter (Can also be powered using PoE splitter) |
| Environment            | Operating Temperature: 14° F to 122° F (-10° C to 50° C) |
|                        | Operating Humidity: 20% to 80% |
| Dimensions             | Dimensions: 8 x 3.3 x 4 inches |
| Supported Card Formats | ID Card 125 KHz, Optional: HID, or 13.56 MHz Mifare Card, iClass, |

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