



VERYFAST™

**BIOMETRIC VERIFICATION TERMINALS
FEATURING ADVANCED 3-D GEOMETRY**

The Perfect Solution for High Traffic Access Control and Timekeeping

- Verify 10 People per Minute
- Border Control, Cruise Ships, Sports Facilities, Factories, Large Retailers and Offices
- School Attendance and Security



Developed from the Well-Proven Digi-2 Finger Camera

- Over 5 Million Users Registered
- Very High Reliability under Severe Ambient Conditions
- User-Friendly
- Fast < 1 Second
- No Invasion of Privacy
- Left or Right Hand

The VeryFast™ brings to the Systems Integrator all the advantages of Biomet's well proven 2-Finger Geometry Biometrics combined with advanced Access Control electronics, packaged in a small, robust and nicely designed housing for simple plug-and-play installation. Various optional features and custom specific design possibilities are available to optimally adapt the VeryFast™ to each individual application requirements.

For users, the VeryFast™ is convenient, non-threatening, fast and accurate, and quickly builds a high degree of confidence in its positive security merits. Users touch a platen with the first two fingers of either hand to prove their identity. The VeryFast™ works equally well with the right or left hand.

Biometric Features

Data Capture

- Template Size: Maximum 20 bytes per person
- Template Storage: On-board memory for 1'000 users (higher capacity optional)
Download to any I.D. card. Upload to host or networked

Operational Speed

- Enrollment: < 1 minute nominal
- Verification: < 1 second

Accuracy

- FAR/FRR: < 0.1% (adjustable threshold)

see reverse for system details

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VERYFAST™

Standard Features and Functions

- Robust housing which provides space and flexibility to install one or several optional components/features (see below).
- Standard model (model NR) equipped with 12-key keypad for programming, enrolment, and entry of user PIN codes.
- The unit provides a real-time clock, networking, and operating features as described below.
 - Communications Port RS232 (point to point) or RS485 (bus) for communications with supervisory software. Baud rate 9600 bps
 - Reader Inputs/Outputs The unit can interface with several types of readers through standard Magnetic and Proximity Reader Interface Protocols (other protocols on request).
 - Reader-Emulation Format The unit can act as a reader to third party access control systems through selectable Weigand 26 or 34 bit output Emulation. Other output formats on request.
- User Capacity In standard model, on board data memory for up to 999 users, expandable to 7,000 users on request.
- Transaction Storage 1400 to 4000 transactions, buffered, depending on the number of users enrolled.
- LCD Display for user or supervisory instructions, 2 lines of 16 characters each.
- LED Array and finger outline to guide placement of two fingers of either hand.
- Beeper to indicate “Ready” and Accept or Reject.
- Selectable Authenticate/Verify or Pinless “Who Am I” Identification Mode.
- Alarm Contacts Provided for Tamper, Power Failure, Door Open
 - Door Relay Output } Normally open and normally closed
 - Alarm Relay Output } switched 30 V DC at 1A max or 125 V AC at 0.5A max
 - Tamper Output }
- Door Contact Door open or unlocked detection (normally closed)
- REX Request to Exit switch from secure side (normally open).
- Input Voltage 10–14 VDC, 2.0A peak, 0.6A idle

Optional Features

- The standard NR model VeryFast can be equipped with the following readers:
 - Model MS - Magstripe (Read Only)
 - Model SC - Smartcard (Read or Read/Write, With or Without Encryption)
 - Model C - Contactless (125 kHz Read or Read/Write)
- Dial-up Modem or Ethernet
- Provision for Auxiliary Inputs/Outputs such as timekeeping interface, motion/heat detectors, etc.
- Addition of BioSmart+ smartcard read-writer with encryption facility (SAM – Secure Application Module)

Physical Specifications

- Terminal size (W x H x D) 12.65 cm x 19.0 cm x 17.5 cm (5” x 7.5” x 6.9”)
- Operating temperature 0°C to +55°C
- Storage temperature -10°C to +85°C
- Relative Humidity 0–95% RH non-condensing