

MV1200-Based Veri-Series Quick Start Instructions

*Please note that there are separate V-Smart and V-Station Quick Start Guides

Required items for Setup / Installation:

- This Quick Start Guide – Included
- A Veri-Series unit with mounting plate and pigtail connection cable – Included
- CD containing application software, Installation and Operation Manuals – Included
- Security hex key needed to reveal the RJ-12 Aux port - Included
- An RJ-12 to DB-9 cable for programming the unit through the Aux port – Included
- Computer running Windows 98, ME, NT 4.0, 2000, or XP – Not Supplied
- DC power supply rated at 7-24V @ 600mA

Optional items for Setup / Installation:

- Networking cable, Wiegand door controller, and Proximity Cards – Not Supplied
- RS-232/RS-485 Converter – Not Supplied
- External Wiegand Reader using a supported format – Not Supplied

Getting Started

Before installation please do the following:

- Read both the Operations and Installation Manual (Documents included on the CD-ROM)
- Install the VeriAdmin Software on a PC/Laptop.
- Configure Veri-Series units with correct baud rate, unique Network IDs
- Become familiar with Veri-Series unit operations, and enrolling users using the PC software
- Read the "Veri-Series CHANGES.pdf" file on the CD for the latest updates.

NOTE 1: CAUTION: The silicon sensor used in the Veri-Series product line is an electro-static sensitive device. **Pin 15** on the pigtail *must* be connected to an **earth ground** for reliable operation. Installing a unit without proper grounding will void the warranty. Refer to the installation manual for specific information.

NOTE 2: The Veri-Series unit is shipped with its main communication port (on the pigtail) set for RS-485 connection. The Veri-Series is shipped with its AUX communication port (RJ-12 connection on the bottom) set to a baud rate of 57600 bits per second (baud).

Setting Up the Veri-Series Unit

Wire Colors have CHANGED. See Pigtail Wire Colors at end of document

- ❑ Install the VeriAdmin Software (included on CD) on a computer running Windows 98, ME, NT 4.0, 2000, or XP to initially set up the Veri-Series unit. *You can install the template management software on your computer by running "Setup.exe" found on the CD.*
- ❑ Apply power to the Veri-Series unit through the pigtail: connect DC power (7-24 V) to the Red wire, and the power return (power ground) to the Black wire. **(*Wire Colors have CHANGED. See Pigtail Wire Colors at end of document!)**
- ❑ Connect the programming cable to the Aux port in the bottom of the unit after opening with Security hex key.
- ❑ Run / Open the VeriAdmin software on your PC. Configure the software for the correct PC COM Port and set the baud rate to 57600. From this software you will be able to change communications parameters, assign a network ID, enroll or delete templates, and store/transfer templates on the PC or from unit to unit.
- ❑ Please refer to the Veri-Series Operations Guide for complete user instructions.

Veri-Series Pigtail Connections

| Pin # | Old Color | New Color | Signal | Connect to |
|--------|-----------|----------------|------------------------------|----------------------------|
| Jacket | Grey | Blue | | |
| 1 | Red w/Blk | Green | Wiegand Out Data 0 | Controller Data 0 |
| 2 | Grn w/Blk | Green w/White | Wiegand In Data 0 | Card Reader Data 0 |
| 3 | Org | White | Wiegand Out Data 1 | Controller Data 1 |
| 4 | Org w/Blk | White w/Black | Wiegand In Data 1 | Card Reader Data 1 |
| 5 | Grn | Gray | TTL Output | |
| 6 | Red | Black w/White | Wiegand GND | Wiegand GND |
| 7 | Blu w/Blk | Blue w/Black | RS-485 (-) | RS-485 (-) |
| 8 | Wht | Blue | RS-485 (+) | RS-485 (+) |
| 9 | Blk w/Wht | Violet | RS-232 Tx | RS-232 Rx |
| 10 | Red w/Wht | Violet w/White | RS-232 Rx | RS-232 Tx |
| 11 | Blk | Black | Power GND | Power return |
| 12 | Grn w/Wht | Black w/Red | Signal GND | RS-485 GND or cable shield |
| 13 | Blu w/Wht | Red | Unregulated input (7-24 VDC) | Power (7-24 VDC) |
| 14 | Blu | Red/White | N/A | N/A |
| 15 | Wht w/Blk | Green w/Yellow | Shield | Earth Ground |

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