

THE EA-485 TRANSLATOR BOARD

THE ELITE TRANSLATOR BOARD

For system retrofits or connection to third party devices, the translator provides the bridge to interface with the Elite Entry Phone System. Many devices are currently supported and more are on the way.

The EA-485 Translator Board is designed to interface any device that outputs 26-BIT Weigand to the Dial Code™ or Icon26™ Telephone Entry Systems. Some of the supported devices that can be interfaced via the EA-485 Translator Board are as follows:

- Sentex™ – “Clikcard Commercial Receiver (Narrow Band)”
(Note: must be configured in 26-BIT Wiegand output mode)
- DoorKing™ – “SuperHet™ RF Receiver”
(Note: must be configured in 26-BIT Wiegand output mode)
- Amtech™ – Transponder “SmartPass®” AI1620 Model
(Note: must be configured in 26-BIT Wiegand output mode)

For an updated list of supported devices, contact Elite or your local Elite dealer.

INSTALLATION INSTRUCTIONS (wiring diagram on page 2)

1. Connect 12VAC/20VA Transformer to power input. (It is recommended that a separate Transformer, not the phone system Transformer, be used to power the slave devices. Maximum distance from power to device should not exceed 300 feet, using 18 gauge wire.)
2. Use Strike Relay as gate or door relay, strike time is set using the phone processor. Connect Strike Relay to gate operator or magnetic lock.
3. Connect RS485 terminals (-, +, GND) to corresponding (-, +, GND) on previous device or pin wires of processor, whichever applies.
4. Turn “ON” Terminator Switch ONLY for last slave device installed on RS485 line.
5. Set Device ID Number and then power up the device. (The device must be unplugged (powered down) to change ID number.)



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WIRING DIAGRAM

