Compatriot VBS
Control Panel

CINCH
AES ENCRYPTED

CCU-VBS Compatriot Rev A

Designed for high security and vehicle barrier operations.

The Compatriot VBS — Vehicle Barrier System delivers advanced AES encrypted protection for both new and existing high security vehicle barrier installations.

Compatriot's CeLAN expansion provides secure 128-bit AES encrypted communication between all CeLAN devices connected to the system. Utilizing the CeLAN VBS Module, one of CINCH systems' VBS, Gate and Door control modules the system is capable of controlling and monitoring vehicle barrier systems, gate arms, traffic lights and rolling gates.

Industry's first AES Encrypted VBS processor based control system; modular, simple to install and operate.

- Auto device enrollment
- Simple Touch Screen Operation
- Centralized VBS module metric storage

Features

- Eight general purpose inputs for security device monitoring.

- Supports up to 10 VBS barrier controllers.

- Pre-defined input configurations.

- 4 partitions.

- Up to 100 definable user codes for system user login/logout option.

- 12VDC 2.5 Amp auxiliary power output.

- Single CeLAN port, supports up to 50 devices.

- 6000 event buffer with time and date stamp.

- Field upgradeable software.

- Micro SD card with storing capability of over 260 million events.

- Modular design for easy expansion.

- CeLAN expansion – Fiber Optics or TCP/IP.

- 5.7" keypad for high security vehicle barrier operation.

- All modules have built-in inputs that can be used as a tamper for enclosure protection.

- High efficiency power supply for CeLAN devices or auxiliary 12VDC devices.

- 12 or 24 hour clock display.

- User and installer help menus.

- Auto daylights savings option.

- RS485 communication.

- Each input capable of reporting the following:
    - Normal circuit
    - Open circuit
    - Short circuit
    - Ground fault high
    - Ground fault low

- Print all system VBS events or selectable via programming.

- Real time battery voltage and current readings.

- Supports one back-up battery (18 Ahr), supervised and charged separately.

- Optional, fully supervised AES Encrypted, 5A@12DC Remote Power Supply.

Compatriot VBS System

Specifications

Power Requirements: 24 VAC nominal (16.0 VAC minimum, 35 VAC maximum), rated output current is only available at 24 VAC or above. Limited output current is available at 16.0 VAC minimum. Operating below 24 VAC nominal is intended for short term emergency operation only.

Output Power: 10-14 VDC @ 2.5A Max, 1.5A standby.
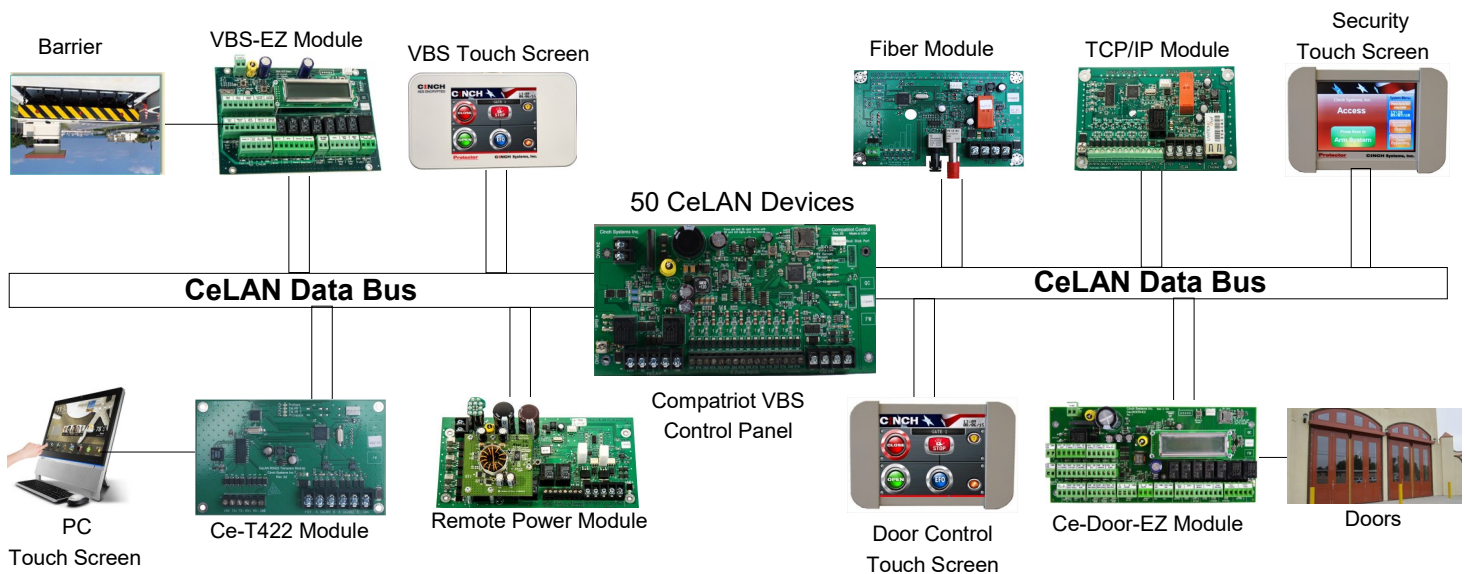
Maximum battery charging (standby): 1.5 A.

CINCH Stick Port: One (1) - 128 Bit AES Encrypted, CINCH Stick port.

Inputs: Eight supervised hardwired zones, 3.0 K ohm for security devices.

Outputs: Two panel programmable outputs with "Form C" relay contacts (COMMON, N/C, N/O). Relay contacts rated 4A @ 24 VDC, 4A@24VAC, 1A@40VAC maximum.

Operating Temperature: 32° to 120° F (0° to 49° C), up to 140° F (60° C) under temporary conditions.

Maximum Humidity: 90% relative humidity.

Barrier | VBS-EZ Module | VBS Touch Screen | Fiber Module | TCP/IP Module | Security Touch Screen

50 CeLAN Devices

CeLAN Data Bus **CeLAN Data Bus**

Compatriot VBS Control Panel

PC Touch Screen | Ce-T422 Module | Remote Power Module | Door Control Touch Screen | Ce-Door-EZ Module | Doors

Ordering

Control Panel
CCU-VBS — Compatriot Panel

Touch Screen
Ce-TS -VBS — Touch Screen

Expansion Modules
Ce-VBS-EZ — Vehicle Barrier Module
Ce-Door-EZ — Door and Gate Controller Module
He-Motor — HeLAN Motor Module
HE-MDC — Manual Gate Controller
He-MBC — Manual Barrier Controller
Ce-RCP-SB — Remote Control Panel System Board
Ce-T422 — Translator Module

Communication Modules
Ce-FC-N — Fiber Conversion
Ce-TCP/IP — Network Module
Ce-FC-ER — Fiber Conversion

CeLAN Accessories
CO-CSU — Cinch Stick
CO-PS2KI — Keyboard Module
Ce-Ex — Expansion Module

Power
ACC-T24V-100 — Transformer
ACC-B12-18 — 18Ahr Battery
ACC-B12-7 — 7Ahr Battery

Accessories
ACC-CFC-S — Fiber Cable
L-S — Standard Panel Lock
ACC-CFC-MM — Fiber Cable
S-ET — Panel Tamper

Enclosures
E-R — Panel Enclosure
E-R-Kit
E-CP — Plastic Enclosure
E-PA-Kit

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