

CeLAN VBS Touch Screen

DS-Ce-TS-VBS Rev A. VBS Jan. 2012

The CeLAN VBS Touch Screen provides a 5.7" Color LCD (liquid-crystal display) for operational control of the vehicle barrier when used in conjunction with a Rampart control panel. The touch screen allows full Rampart system programming including all VBS programming options. A scrolling status bar allows the user to view the system status during normal operation. User log-in protocols via a keypad/keyboard provide high level security measures. Touch screens communicate via the CeLAN data bus originated within the Rampart control panel. All communications are supervised and offer a programmable system option to revert to redundant manual buttons in case of a failure.

Features

- CeLAN AES encrypted technology for security, easy setup and enhanced performance
- 5.7" Color Touch Screen with protective display overlay and Lexan shield
- Simple, easy to use Graphical User Interface
- Optional agency or customer artwork
- System user passcodes for user tracking
- System menu driven programming
- Two hardware input zones per module, for back box tamper or wall tamper
- Scrolling system status bar
- Multit back-box mounting options
- 'CINCH Stick' Field Upgradeable software
- Sync multiple barrier for one touch operation
- Mode control, gate arm, and card access modes
- Local system logging event review

CINCH

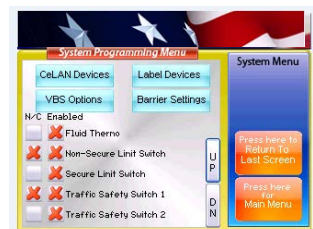


Part # Ce-TS-VBS

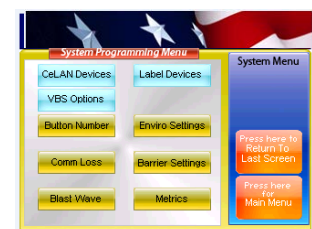


All actions require a confirmation from the user to complete the task.

A scrolling Status bar alerts the user to any system troubles



VBS Programming



VBS System Menu

CeLAN Touch Screen

Specifications



Power Requirements:

- Input: 12 VDC (8 VDC min, 14 VDC max)
- Output: N/A
- Current Draw: 240mA standby, 500mA max

Dimensions: 8.26" x 5.24" (LxW)

Environmental:

- Operation Temp: 32 to 120 F (0 to 49 C)
- Humidity: 90% relative humidity

Storage Temp:

- -30 to 140 F (-34 to 60 C)

Inputs:

- 2 supervised, for box tamper or security device

CELAN Devices per System:

- 100 CeLAN Devices

Accessories:

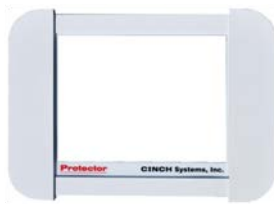
- Face Plate –
- Backbox –
- Mounting Plate –
- Faceplate Decal – RC-CeTSL
- Touch Screen Assembly – RC-TS

Touch Screen Replacement Parts



Touch Screen Assembly

RC-TS



Face Plate

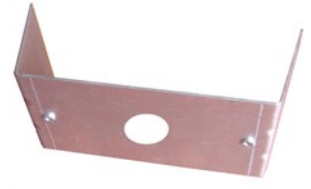


Face Plate Decal

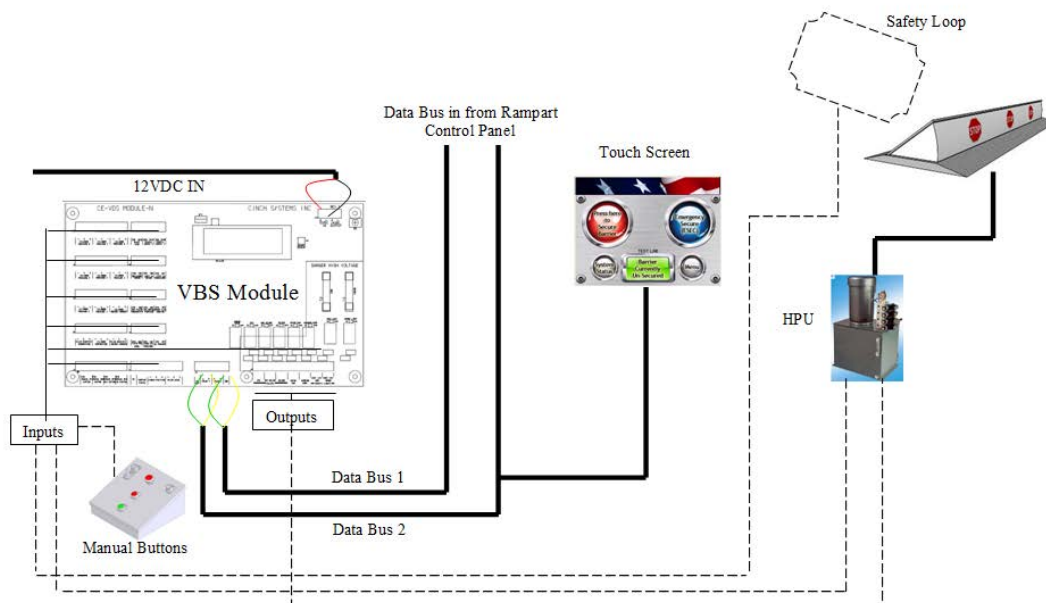
RC-CeTSL



Back Box



Mounting Plate



For more information: www.cinchsystems.com

Cinch Systems

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World-class vehicle barrier system controls

CINCH Systems designs and manufactures solutions for high-security installations. We stay close to customers so we can develop high-quality solutions to address changing threats to government and commercial installations of all sizes.

VBS Module



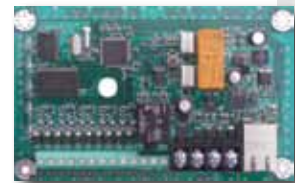
Remote Power Module



CeLAN Fiber Conversion Module



TCP/IP Module



CeLAN-Printer Module



CeLAN RS422 Translator Module



Rampart
by CINCH Systems

RCU-VBS



Industrial PC Touch Screen



CeLAN VBS Touch Screen



CeLAN Remote Controller Panel



CeLAN Manual Gate Control



CeLAN Manual Barrier Control



One thing stays the same at Cinch Systems:
Constant innovation for constant security
against changing threats at home and abroad.

VBS

Learn more about Cinch Systems: www.cinchsystems.com

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Simple ◀▶ Secure ◀▶ State of the Art

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Literature part number: Lit-VBS-0811

CINCH systems

Simple ◀▶ Secure ◀▶ State of the Art

Vehicle Barrier Control Systems

DOD
State, Federal,
Commercial,
and Industrial
applications

User-Driven Design | Mission-Driven Performance

Cinch Systems has created the industry's first AES Encrypted VBS process-based controller.



US Government agencies around the world count on Cinch for connected, responsive VBS solutions.

Cost-saving discrete metrics tracking

Supervised inputs provide metrics for system design, monitoring, and maintenance.

- ▶ Track performance of hydraulic pressure, temperature, fluid levels, cycles and more.

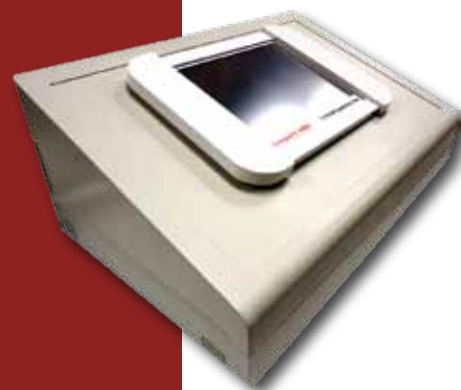
Rampart's low-voltage operation is an energy-efficient VBS solution.

Train once, program consistently system wide

Menu-selectable configuration options simplify installation, servicing, maintenance, and troubleshooting

Durable 5.7" color touch screen

- ▶ Easy to use
- ▶ Easy to program
- ▶ Easy to see
- ▶ Scrambled keypad option
- ▶ Menu-driven programming
- ▶ Custom background artwork



Plug in, backup, download, upgrade



Cinch Stick

Makes panel software upgrades and backups secure, fast, and easy.

Robust security communication

Redundant 128-bit AES Encryption.

Patent-pending design secures 100% of system data, from components to panel, panel to barrier controller.

Instant metrics

Cinch systems deliver feedback on system operation and reporting status **as soon as installation begins.**

CeLAN automatically syncs encryption keys and addresses components.

- ▶ Maintenance life cycles
- ▶ EFO valve cycles
- ▶ Transit times
- ▶ AC power
- ▶ Motor run times

Targeted information

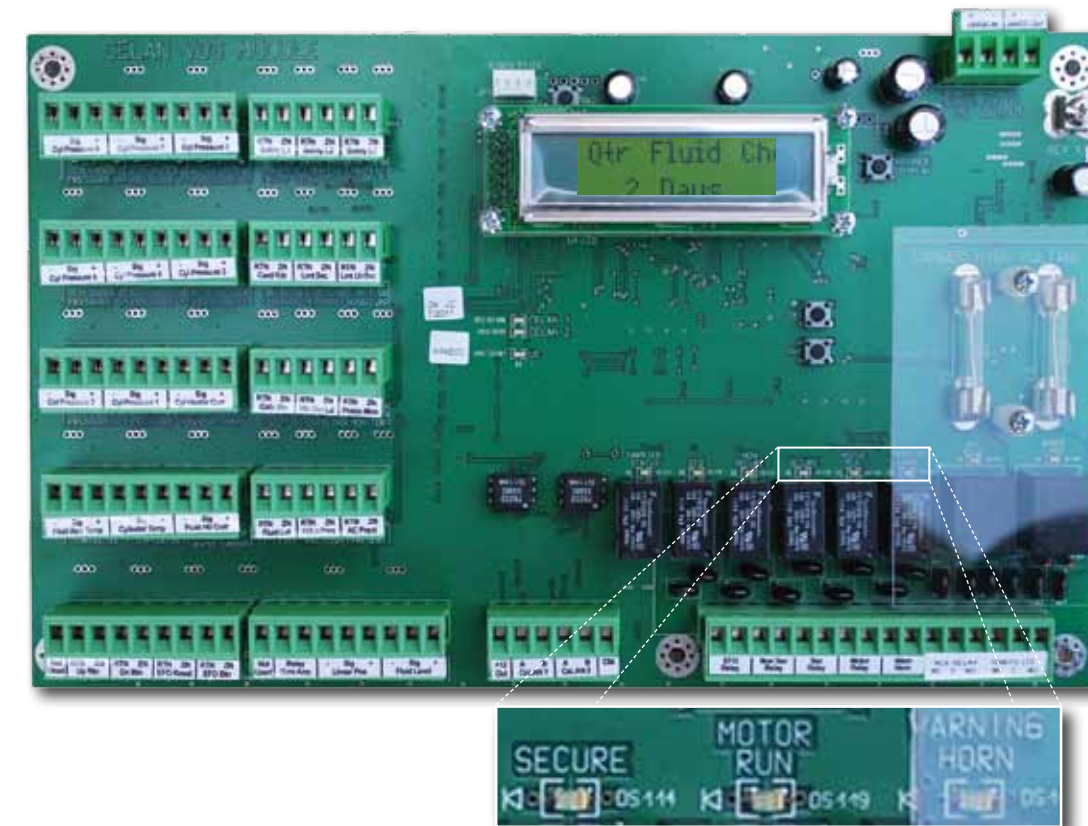
Powerful systems engineering routes information where it's needed:

- ▶ Security monitoring to security staff
- ▶ Performance monitoring to technical staff
- ▶ Metrics monitoring to decision makers

Protected electronics

Transient protection prevents disruption, degradation, and damage to electronics even under extreme conditions.

Master VBS Flexibility



- ▶ Metrics display: Current, Temperature, Fluid Levels, and dozens more
- ▶ 4 loop inputs
 - » 1 card reader
 - » 1 free exit
 - » 2 safety
- ▶ Sally port control
- ▶ 24V output power supply
- ▶ Linear position switch support
 - » Precision analog measurement for barrier positioning
- ▶ Up to 8 bollards per system
- ▶ Back-mounted components prevent installation damage
- ▶ LED relay feedback
- ▶ Clear onboard labeling

Multiple-barrier control



▶ Gate arm control



▶ Wedge and bollard control



▶ Rolling/Swing gate control

Cinch Systems AES ENCRYPTION is built in—meeting high-security needs of command networks: **commercial, federal, industrial.**