Athenx’s self-contained and self-anchoring Rapidly Deployable Camera (RDC) system is designed as a force multiplier surveillance tool for tactical law enforcement, first responders, military and homeland security teams. The system is capable of being deployed on-site by one person in seconds so that end users can view and control the system from remote locations and at safe stand-off positions. The RDC’s mast extends up to nine feet and there is a wide choice of PTZ and Fixed Cameras available for the system. RDC offers wireless connectivity through customer provided 3G/4G USB air cards or through their secure Wi-Fi Hotspot for Local Access. The system has two options for power; they can be operated by being plugged into a power source, or can run off their battery with a fully automatic battery charger and optional “battery buddy” for extended use capabilities. All RDC’s are GPS enabled for real time display of camera location. These systems are customizable based on customer requirements, so optional sensor configurations include, but are not limited to, thermal imaging, IR illuminators, weather sensors, loud hailers, tamper detection and alarm, etc.
Athenx, Inc. (Athenx) has designed a family of customized rapidly deployable wireless tactical camera video surveillance systems that provide force multiplier surveillance tools to tactical law enforcement, first responders, military and homeland security teams for situational domain awareness, informed rapid response and forensics.

**RAPIDLY DEPLOYABLE, POLE MOUNTED EVENT CAMERA**

- Customized Self Contained Pole Mounted Video System
- Wide Choice of PTZ and Fixed Cameras Available
- Deployable on Pole by One Person
- Easily Transported and Deployed to Target Areas, Weighs Under 12 Pounds
- 3G/4G Wireless Connectivity
- Secure WiFi Hotspot for Local Access to the System
- View and Control from Various Remote Locations
- Stealth Cylindrical Design to Resemble Pole
- AC/DC Connectors and Light Pole Power Tap Adapter Included

**SELF CONTAINED WIKIWIKI CAM**

- Customized Self Contained and Self Anchoring Remote Video System
- Wide Choice of PTZ and Fixed Cameras Available
- Deployable On-site by One Person in Seconds
- Mast Extends up to 9 Feet
- 3G/4G Wireless Connectivity
- Secure WiFi Hotspot for Local Access to the System
- Battery Operated with Fully Automatic Battery Charger
- View and Control from Various Remote Locations
- GPS Enabled for Real Time Display of Camera Location
- Options: Weather Sensors, Loud Hailer, Extended Battery Pack, Tamper Detection and Alarm

**WIRELESS MESH VIDEO SURVEILLANCE SYSTEMS**

- All-Weather Remote Surveillance System with Color D/N, Thermal Imaging Camera and IR Illuminator
- Designed as Complementary Tactical Video Surveillance System for Mobile Emergency Operation Centers or Trailer-Based Surveillance Systems
- Equipped with Wireless Mesh System with a Choice of Local or Metro Capabilities
  - Local up to 150 feet Line of Sight
  - Metro up to 1,000 feet Line of Sight
- Deployable by One Person in Less than 10 minutes
- 3G/4G Wireless Connectivity
- View and Control from Various Remote Locations
- Embedded VMS/NVR Provides Onboard Recorded Video
- Wireless Options: Mesh, Point-to-Point, Point-to-Multipoint Radios
CeLAN VBS Touch Screen

The Ce-TS -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
- Two hardware input zones per module, for back box tamper or wall tamper
- Scrolling system status bar
- Multi back-box mounting options
- ‘CINCH Stick’ field upgradeable software
- Internal sounder and backlight idle options
- System user passcodes for user tracking
- System menu driven programming

All actions require a confirmation from the user to complete the task. A scrolling status bar alerts the user to any system troubles.
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” (L x W)

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

**Storage Temp:**
- -30º to 140º F (-34º to 60º C)

**Inputs:**
- Two 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**

![Touch Screen Assembly](image1)
![Face Plate](image2)
![Face Plate Decal](image3)
![Back Box](image4)
![Mounting Plate](image5)

![Diagram](image6)
Designed for high security and vehicle barrier operations.

The Rampart RCU-VBS control system delivers advanced AES encrypted protection for both new and existing high security vehicle barrier installations. Rampart’s CeLAN bus provides secure 128-bit AES encrypted communication between all CeLAN devices connected to the system. Utilizing the CeLAN VBS (Vehicle Barrier System) Module, the system is capable of controlling and monitoring vehicle barrier systems, gate arms, traffic lights and rolling gates, swing gates and garage doors.

Features

- Eight general purpose inputs for security device monitoring
- Supports up to 20 VBS barrier controllers
- Pre-defined input configurations for standardization
- Up to 252 definable user codes for system user login/logout option
- Onboard 12VDC 5 Amp auxiliary power output
- Dual CeLAN ports, supports up to 100 devices
- 6,000 event buffer with time and date stamp
- Field upgradeable software
- CeLAN expansion – communication copper, fiber optics or TCP/IP
- 5.7” color touch screen for high security vehicle barrier operation
- All modules have built in tamper inputs for enclosure protection
- Complete metrics tracking, event database, improves performance and reduces costs
- 12 or 24 hour clock display
- User and installer help menus
- Auto daylight savings option
- Dual redundant fiber configuration option
- Microprocessor based vs. older style PLC control
- Each input capable of reporting the following:
  - Open circuit
  - Short circuit
  - Ground fault

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

- Simple Touch Screen Operation
- Auto Device Enrollment
- Centralized VBS Module Metric Storage
Rampart 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 at 5A Max, 2.5A Standby

Maximum battery charging (standby): 1.5 A

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

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

Outputs: Two panel programmable outputs with "Form C" relay contacts (COMMON, N/C, N/O). Relay contacts rated 10A at 24 VDC, 10A at 24VAC, 10A at 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

Ordering:

Control Panel
RCU -VBS Rampart Panel

Touch Screen
Ce-TS -VBS 5.7" Color Touch Screen

Manual Barrier Control
Ce-MBC Button Converter
Ce-MGC Gate Control Converter
Ce-RCP -SB Remote Barrier Controller Converter

Expansion Modules
Ce-VBS-N Vehicle Barrier Module
Ce-RP S Amp Remote Power Supply

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

Communication Modules
Ce-FC -N Fiber Conversion
Ce-TCP/IP Network Module
Ce-FC -ER Fiber Conversion
Ce-T422 RS485 to 422 Converter

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

Nasatka Barrier, Inc.

Control Panel
RCU -VBS Rampart Panel

Touch Screen
Ce-TS -VBS 5.7" Color Touch Screen

Manual Barrier Control
Ce-MBC Button Converter
Ce-MGC Gate Control Converter
Ce-RCP -SB Remote Barrier Controller Converter

Expansion Modules
Ce-VBS-N Vehicle Barrier Module
Ce-RP S Amp Remote Power Supply

100 CeLAN Devices

Barrier
VBS Module
VBS Touch Screen
Fiber Module
TCP/IP Module
Security Touch Screen

Rampart Control Panel

PC Touch Screen
TCP/IP Module
Remote Power Module

CeLAN Data Bus

CO-CSU Cinch Stick Port

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