

# VersaPage™

## Series 9000 Pocket Paging Interface Architectural Specs

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*This document specifies the Cornell series 9000 pocket pager interface system manufactured by Cornell Communications, Inc., Milwaukee, WI. The Cornell VersaPage system provides for local area RF transmission of alarm messages to pocket pagers*

### **PART 1 GENERAL**

#### **1.01 SUMMARY**

- A. Section Includes:** VersaPage equipment using pocket pager interface system to notify staff when emergencies arise.
1. The contractor shall furnish all labor, equipment, and materials necessary for the installation of one or more complete VersaPage modular paging system.
  2. Perform and complete functional test of the system upon completion of the installation and instruct the staff in the operation and maintenance of the system.

#### **1.02 SUBMITTALS**

- A. General:** Submit listed submittals in accordance with Conditions of the Contract and Division 1 Submittal Procedures Section.
- B. Product Data:** Submit product data, including manufacturer's product sheet, for specified products.
- C. Shop Drawings:** Submit shop drawings showing layout, profiles and product components, including anchorage and accessories. Include cabling diagrams, wiring diagrams, station installation details, and equipment cabinet details.
- D. Quality Assurance Submittals:** Submit the following:
1. Test Reports: Certified test reports showing compliance with specified performance characteristics.
  2. Manufacturer's Instructions: Manufacturer's installation instructions.
  3. Manufacturer's Field Reports: Manufacturer's field reports specified herein.

**E. Closeout Submittals:** Submit the following:

1. Operation and Maintenance Data: Operation and maintenance data for installed products in accordance with Division 1 Closeout Submittals (Maintenance Data and Operation Data) Section. Include methods for maintaining installed products and precautions against cleaning materials and methods detrimental to finishes and performance. Include troubleshooting guide, wiring terminal identification and equipment parts list.
2. Warranty: Warranty documents specified herein.

**1.03 WARRANTY**

- A. Cornell Communications, Inc. warrants that your *VersaPage* System is free from defects of workmanship and material for (36) months. Cornell will repair or replace the system component (at our option), free of charge, with proof of purchase, for (36) months from the date of original purchase. \*Warranty does not apply to pocket pagers which carry the manufacturer's 90 day warranty.
- B. This warranty does not cover damages incurred in shipping or handling and does not include damages beyond the control of Cornell, including but not limited to, electrical transients and lightning, fire, water damage, paint, mechanical shock, abuse, neglect, abnormal use, improper operation of this equipment, miswiring or *use of non-factory authorized pocket pagers*. There are no user serviceable parts inside any of the system units. Any evidence of unauthorized entry, repairs, or alterations will void the warranty. This warranty does not extend to components that have been lost, such as *pocket pagers*.

**Part 2 Products**

**2.01 VERSAPAGE EQUIPMENT**

- A. **Acceptable Manufacturers:** Cornell Communications, Inc.
  1. Contact: The Series 9000 Modular Pocket Paging System shall be Cornell Communications, Inc., 7915 N 81<sup>st</sup> St., Milwaukee, WI 53223-3830; Telephone: 800-558-8957, (414) 351-4660; Fax: (414) 351-4657.

**2.02 PRODUCT SUBSTITUTIONS**

- A. **Substitutions:** No substitutions permitted.

## **2.03 CORNELL 9000 VERSAPAGE SYSTEM AND COMPONENTS**

### **A. Paging Equipment**

1. The basic series 9000 system shall consist of a single transmitter and pager interface mounted adjacent to one another.
2. Number of pagers to be specified by customer

### **B. TR-9010W2 / TR-9010W5 Paging Transmitter**

1. The transmitter shall be a Cornell model TR-9010W2 2 watt or TR-9010W5 5 watt transmitter. The manufacturer will provide the 1/4 wave antenna with a 10-foot data cable, and an AC power cord.

### **C. PI-9064M / PI-9064S Pager Interface**

1. Interface shall be locally programmed by dealer or distributor. The interface will accept voltages from 6 to 50 volts DC or AC in groups of 4, up to 64 points per interface, for a total of 576 points. Includes a 12 volts DC power pack and installation instructions.

### **D. PP-9000W2 / PP-9000W5 Pocket Pager**

1. Pager contains up to 16-message storage, with up to 84 characters per message.
2. Contains both beep tone and vibrator options. Powered by 1 AA battery.

## **2.04 SOURCE QUALITY**

- A. Source Quality:** Obtain VersaPage equipment and system from a single manufacturer.

## Part 3 Execution

### 3.01 MANUFACTURER'S INSTRUCTIONS

- A. **Compliance:** Comply with manufacturer's product data, including product technical bulletins, product catalog installation instructions, and product carton instructions for installation.

### 3.02 EXAMINATION

- A. **Site Verification of Conditions:** Verify substrate conditions, which have been previously installed under other sections, are acceptable for product installation in accordance with manufacturer's instructions.

### 3.03 INSTALLATION

#### A. CABLING REQUIREMENTS

1. Transmitter and interface will be connected via 10 foot data cable provided by manufacturer. Transmitter includes power cord, which plugs into commercial grade 120 volts AC outlet.

#### B. VERSAPAGE EQUIPMENT INSTALLATION

1. Complete system shall be installed in strict accordance with manufacturer recommendations. The complete system shall be in compliance with state and local electrical codes.

### 3.04 FIELD QUALITY REQUIREMENTS

- A. **Site Tests (Post Installation Testing):** The contractor shall perform a complete functional test of the system upon completion of the installation.
- B. **Inspection:** Provide system demonstration and operation instructions to designated Owner personnel. Conduct walking tour of project and briefly describe function, operation, and maintenance of each component. Contractor shall furnish manufacturer's operating manuals and users' guides including all information necessary for proper maintenance and operation.

### 3.05 Programming

- A. Paging system shall be locally programmed by dealer or distributor.