

### Configure Management PC

To begin configuring Force 90:

- Connect your PC to the 10/100 MB Ethernet Port on the power supply.
- Connect the Force 90 to the 10/100 MB Ethernet Port on the power supply.
- Configure your PC with an IP address in the subnet 192.168.0.0/24, excluding 192.168.0.1 and 192.168.0.2.
- Access the Force 90 by browsing to <http://192.168.0.2> and log in with username admin and password admin.
- Click Guide icon.

### Hardware Overview

**Power:** The LED will be green, when the device is connected to a power source.

**Ethernet:** The LED will light steadily flat, when an active connection is made.

**Signal:** The status values shown below to Top are shown above as Red, Yellow and Green LEDs including wireless signal strength.

### Hardware Overview

exploded view (bottom side)

### Safety Notice

**Warning:** To prevent fire or electrical shock, observe the following safety guidelines. Do not touch the antenna assembly or the antenna cable during the installation of the antenna assembly. Ensure that the antenna assembly is properly grounded. Only use electrical components specified by the manufacturer.

**Electrical Safety Information:**

- Device complies with maximum 100V AC voltage, frequency, and current rating. Do not use the device in a wet or damp environment. Do not use the device in a wet or damp environment. Do not use the device in a wet or damp environment.
- There are no serviceable parts inside the equipment. Serviceable equipment only by a qualified service technician.
- The equipment is provided with a standard power cord which has an integral safety ground wire. Do not use the equipment with a power cord that is not the standard safety ground wire.
- Do not substitute the power cord with one that is not the standard safety ground wire. Do not use the equipment with a power cord that is not the standard safety ground wire.
- The equipment requires the use of the ground wire as a part of the safety. Do not use the equipment in a wet or damp environment. Do not use the equipment in a wet or damp environment. Do not use the equipment in a wet or damp environment.
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- Protective earthing is provided by a standard AC voltage. Do not use the equipment in a wet or damp environment. Do not use the equipment in a wet or damp environment. Do not use the equipment in a wet or damp environment.
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### FCC Compliance

Changes or modifications not expressly approved by the party responsible for compliance could void the user's warranty to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a normal manner. This equipment, when used, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

This radio transmitter has been approved by FCC for operation with the antenna system listed on the product certificate and with optional antenna systems for which antenna type is indicated. Antenna type not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Antenna Information: Do not use the antenna system. Do not use the antenna system.

**FCC**

### RoHS/WEEE Compliance

Caring for the Environment: RoHS/WEEE

RoHS Directive 2002/95/EC requires that the equipment be tested for the presence of hazardous substances and that the results of the testing be made available to the user. The user is responsible for ensuring that the equipment is disposed of in accordance with the applicable laws and regulations. The user is responsible for ensuring that the equipment is disposed of in accordance with the applicable laws and regulations. The user is responsible for ensuring that the equipment is disposed of in accordance with the applicable laws and regulations.

**CE Marking**

CE marking on this product indicates that the product is in compliance with all applicable European Union directives. The CE marking is a statement of conformity with the CE marking requirements of the European Union. The CE marking is a statement of conformity with the CE marking requirements of the European Union. The CE marking is a statement of conformity with the CE marking requirements of the European Union.

### Online Resources

User Guide and software downloads:  
<https://support.cambiumnetworks.com/faq/force-90/>

Support:  
<http://www.cambiumnetworks.com/support/>

Contact Us:  
<http://www.cambiumnetworks.com/support/contact-support/>

## Force 90 Quick Start Guide

### Introduction

The guide provides a quick installation process.

**Package Contents:**

- Main Tube
- Side Reflector Panels (x2)
- Top Reflector Panel
- Bottom Reflector Panel
- Rear Housing
- Pole Mounting Bracket
- Pole Mounting Bracket
- Pole Mounting Bracket
- Power Cord
- Power Cord
- Power Cord

**Tools Required:**

- Standard Screwdriver or Torx (T15) Screwdriver
- Hex Allen Key (included)

### Step 1

Assemble the Top Reflector Panel (marked 2) to the Side Reflector Panel (marked 1) by guiding the Clutch Pins into the slots.

### Step 2

Assemble the second side reflector panel (marked 1) and the bottom reflector panel (marked 2).

### Step 3

With the assembled dish in one hand and the rear housing in the other, align the keyway to the bottom Reflector Panel, then snap the Rear Housing to the dish. Do not snap together on a flat surface.

### Step 4

Loose fit the Pole Mount Bracket onto the Rear Housing.

### Step 5

Insert the Radio Tube into the Rear Housing, note the key way orientation.

### Step 6

Insert the Pole Mount Bracket through the Pole Mounting Bracket and around the Pole. Tighten the Pole Mount.

Note the there are holes in the Pole Mounting Bracket to support flat surface mounting.

### Step 7

Remove the RJ45 Cover, insert the RJ45 Cable into the Ethernet Port, Replace the RJ45 Cover.

Align the Dish and tighten the Nut of the Pole Mounting Bracket.

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