

**VIAVI**

VIAVI Solutions



Brochure

**VIAVI**

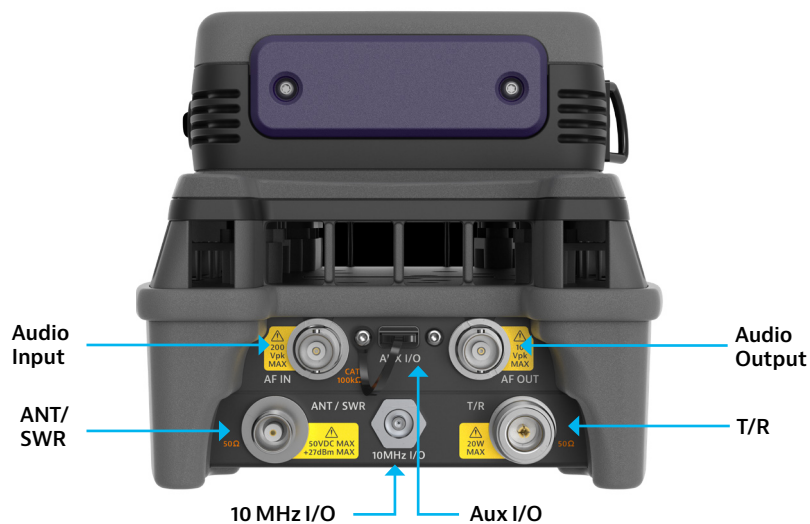
**CX100 ComXpert**

Communications Service Monitor

The CX100 ComXpert is an easy to use, complete communications test solution ideal for testing handheld and vehicle-mounted radios. The CX100 offers industry-leading specifications and performance in a MIL-PRF-28800F Class 2 portable package.

## At a Glance

Dimensions	12 in x 9.5 in x 4.3 in 30.5 cm x 24.1 cm x 10.9 cm
Display Size	5 inches (12.7 cm), diagonal
Weight	11 lbs (5 kg)
Battery	Internal, 3+ Hours Operation
Rugged	30 G Shock
Test Range	-120 dBm to 0 dBm
Frequency Range	1 MHz to 6 GHz



CX100 Top Input/Output Connectors

## Standard Features

The below list of features come standard on every CX100.

- 6 GHz Frequency Range
- Spectrum Analyzer
- VNC
- One-port Vector Network Analyzer
- Mobile Tech App (Requires Bluetooth Option)

## Optional Features

The below features are options available on the CX100.

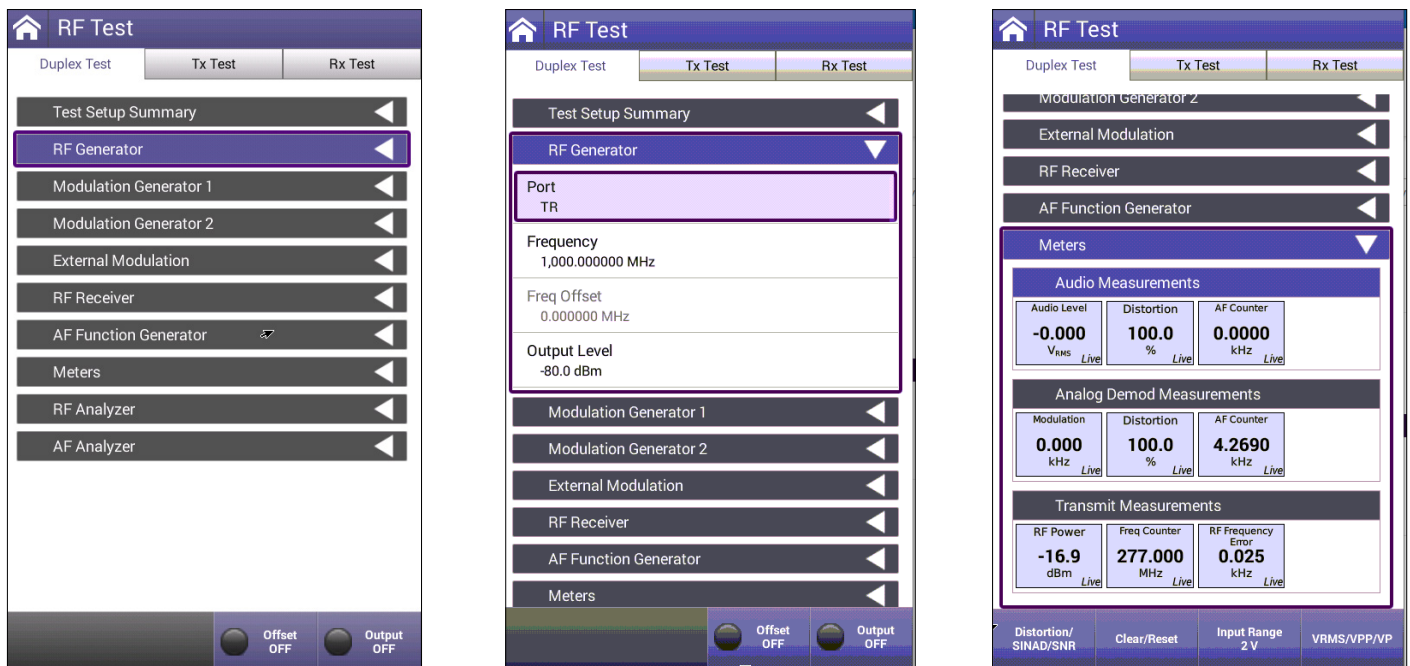
- WiFi
- Bluetooth

## A Complete Test Suite

The CX100 is designed with advanced frequency, power, and modulation analysis instruments for analog systems.

## Simple User Interface

A menu-driven user interface allows you to instantly switch between test setups. This user interface allows you to navigate between a hierarchy of different menus.



Simple, menu-driven user interface

## **Auto-Test Environment and Scripting**

Python-based Auto-Test framework to allow customers to write their own scripts and upload their own scripts directly to the box.

This framework offers such benefits as automating checklists and measurements, controlling the device under test, storing test results, and repeatable processes and procedures.

A developer's Getting Started Guide is available upon request. Additional training for customers who want to write their own scripts is available for purchase.

## **Mobile Tech App**

The Mobile Tech App enables remote operation via the smart device, which allows you to operate the unit from a remote location. It also provides convenient access to a directory of on-line information such as documentation and training videos.

## Ordering Information

### Versions and Options

Order Number	Description
CX100	CX100 ComXpert Communications Service Monitor
	<b>Standard Accessories</b>
	AC / DC Power Adapter
	AC Power Cord – US
	AC Power Cord – China
	AC Power Cord – Europe
	AC Power Cord – UK
	Side Strap (Qty 1)
	Carrying Case, Soft
	Adapter, N(m) to BNC(f)
	Adapter, TNC(m) to BNC(f)
	Calibrator Kit; Short Open Load; Cable
	Mobile Tech App
	<b>Options</b>
CX100-SBT	Bluetooth Connectivity
CX100-SWIFI	WiFi Connectivity
<b>Accessories</b>	
CX100-ACBL	RF Cable
CX100-ACH	Carrying Case, Hard Transit
CX100-ACS	Carrying Case, Soft
CX100-ASOL	Calibrator Kit; Short Open Load; Cable
<b>Calibration Certificates</b>	
CX100-C9001	Calibration Certificate with Test Data (ISO 9001)
<b>Care Support Plans</b>	
<b>BronzeCare (Includes Extended Warranty)</b>	
CX100-BRONZE-2	BronzeCare – First 2 Years
<b>SilverCare (Includes Extended Warranty and Calibration Plan)</b>	
CX100-SILVER-3	SilverCare – First 3 Years
CX100-SILVER-5	SilverCare – First 5 Years
<b>Certified Calibration Care Plan Add-ons (Requires corresponding SilverCare)</b>	
CERT-CAL-DATA-3	Certified Calibration Data – Pre and Post Cal Data Report for Care Plans – First 3 Years
CERT-CAL-DATA-5	Certified Calibration Data – Pre and Post Cal Data Report for Care Plans – First 5 Years
<b>Training</b>	
CX100-TS	Training, Auto-Test Environment Python Scripting

## VIAVI Care Support Plans

### Increase your productivity for up to 5 years with optional VIAVI Care Support Plans:

- Maximize your time with on-demand training, priority technical application support and rapid service.
- Maintain your equipment for peak performance at a low, predictable cost.

Plan availability depends on product and region. Not all plans are available for each product or in every region. To find out which VIAVI Care Support Plan options are available for this product in your region, contact your local representative or visit: [viavisolutions.com/viavicareplan](https://viavisolutions.com/viavicareplan)

### Features

\*5-year plans only

Plan	Objective	Technical Assistance	Factory Repair	Priority Service	Self-paced Training	5 Year Battery and Bag Coverage	Factory Calibration	Accessory Coverage	Express Loaner
 BronzeCare	Technician Efficiency	Premium	✓	✓	✓				
 SilverCare	Maintenance & Measurement Accuracy	Premium	✓	✓	✓	✓*	✓		
 MaxCare	High Availability	Premium	✓	✓	✓	✓*	✓	✓	✓



Contact Us **+1 800 835 2352**  
AvComm.Sales@viavisolutions.com

To reach the VIAVI office nearest you, visit [viavisolutions.com/contact](https://viavisolutions.com/contact)

© 2023 VIAVI Solutions Inc.  
Product specifications and descriptions in this document are subject to change without notice.  
Patented as described at [viavisolutions.com/patents](https://viavisolutions.com/patents)  
CX100-br-rtS-nse-ae  
30193672 901 0323