RF Accessories
Opti-Trace® App/Server and Customer Access Dongle Accessory (CADA)
1.8 GHz DOCSIS® 4.0 Amplifiers

COMMSCOPE®

FEATURES (Opti-Trace App)

- User interface for electronic set-up and control for easy activation and maintenance
- Android and iOS App versions and Windows PC Server version supports all common portable and desktop devices
- Guided setup feature walks field technicians through each setting required for proper downstream and upstream configuration
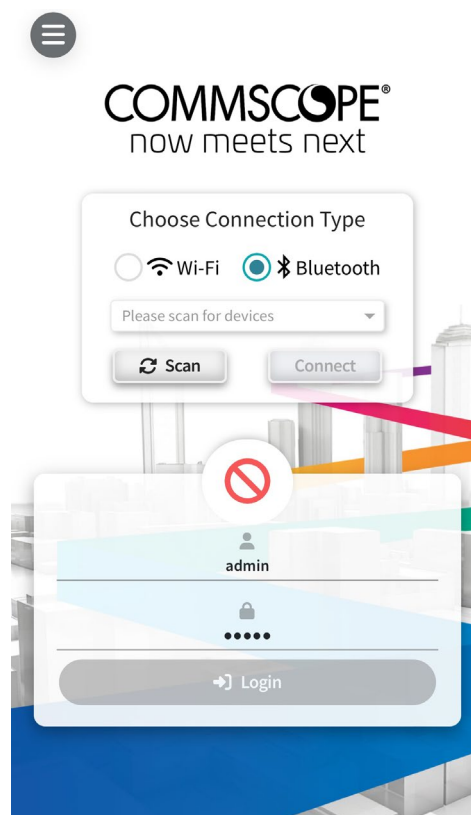
FEATURES (CADA)

- Supports wireless Wi-Fi™ and Bluetooth® connections from Android and iOS devices to the amplifiers
- Powered via USB connection from amplifier; no independent power source or batteries are required
- Compact, portable design for reuse at multiple amplifier locations

CommScope 1.8 GHz Extended Spectrum DOCSIS 4.0 (ESD) Amplifiers have an electronic set-up feature that helps field technicians to set and adjust downstream and upstream input and output levels, attenuation, and tilt. This feature eliminates the need for plug-in accessories used in previous generation amplifiers.

Electronic setup is done through the Opti-Trace GUI. There are two versions of the GUI: a software server for Windows PC operating systems, and an app version for both Android and iOS devices.

Field technicians can launch the Opti-Trace server by connecting a USB-C cable from their laptop to a USB port located on the amplifier's RF module. Field technicians using an Android or iOS device will use a Customer Access Dongle Accessory (CADA) to establish a wireless Wi-Fi or Bluetooth connection to the amplifier and launch the Opti-Trace GUI.*

*ESD amplifiers only support direct connections to the amplifier from a USB-C cable connected to a Windows PC device. Field technicians must use a CADA to connect an Android or iOS device to an amplifier.

SPECIFICATIONS[1]

Opti-Trace Server[2]	Specification
System Requirements	Operating System: Windows 10 or greater Processor: Intel i3 or faster Network Interface: 10/100/1000 Ethernet Adapter Card/port Memory: 8 GB of RAM (minimum) Available Hard Disk Space: 2 GB (minimum) or greater Supported Browser(s): Chrome, Firefox, Edge

Opti-Trace App	Specification
System Requirements	
Android Devices[3]	Operating System: Android 12 or greater Processor: Octa-core 2.3 GHz or greater RAM: 2 GB or greater Storage: 200 MB available space Screen Resolution: 720 x 1280 pixels (HD) or greater Screen Size: 4.7 in. or larger Connectivity: Wi-Fi, Bluetooth Other: GPS
iOS Devices[4]	Operating System: Apple iOS 14.0 or greater Device Model: iPhone 11 or later Processor: Apple A10 Fusion chip or later RAM: 2 GB or greater Storage: 200 MB available space Screen Resolution: 750 x 1334 pixels (HD) or greater Screen Size: 4.7 in. or larger Connectivity: Wi-Fi, Bluetooth Other: GPS

CADA[5]	Specification
CPU	1 GHz quad core, 64-bit Arm Cortex-A53
SDRAM, MB	512
Connectivity	2.4 GHz 802.11 b/g/n wireless, Bluetooth 4.2, Bluetooth Low Energy (BLE), onboard antenna
Powering	Micro USB power
Input Power	5V DC, 500 mA
Operating Temperature	-4° to 140°F (-20° to +60°C)

NOTES:
1. Specifications are subject to change without notice.
2. The Opti-Trace Server for Windows devices is available at https://commscope.sodiacs.com/. If you have a My CommScope username and password, click Sign In and enter your information. If you do not have a My CommScope username and password, click **Request Access** and follow the prompts to create an account.
3. The Opti-Trace Amplifier App for Android devices is available at https://play.google.com/store/apps/details?id=com.cms.amplifier.
4. The Opti-Trace Amplifier App for iOS devices is available at https://apps.apple.com/us/app/opti-trace/id1666527359.
5. Radiation Exposure Statement:
   This equipment complies with FCC and IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. The CADA must be operated with minimum separation distance of 20 cm between the device and all persons.
   Cet équipement est conforme aux limites d'exposition au rayonnement IC RSS-102 définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance de séparation minimale de 20 cm entre l'appareil et toutes les personnes.

CADA

Contact Customer Care for product information and sales:
- United States: 888-944-4357
- International: +1-215-323-2345

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