

AGILE

# CORE CommsKit



## Mobile Networking Platform

AGILE Mobile CORE and Twin CORE systems are available in various CORE CommsKit configurations. The CORE CommsKit is a tactical communications hub housed in a military-grade hard case, enabling communication in challenging terrain or conditions where a fixed vehicle installation is not possible.

The CORE CommsKit includes either a 4-Channel Mobile CORE or a 2-Channel Twin CORE. These compact units offer 5G, LTE, Wi-Fi, GPS, and optional Land Mobile Radio (LMR) extension capabilities (CORE CommsKit LMR). Each CORE CommsKit features a rugged router, long-life batteries, and built-in 5G, LTE, Wi-Fi and GPS antennas, providing all the benefits of the AGILE CORE in a transportable package.

## The Basics

- Battery life is 16 to 76 hours (depending on CommsKit version)
- 4 LTE Channels / 4 SIM slots per Mobile CORE based CommsKit
- 2 LTE Channels / 2 SIM slots per Twin CORE based CommsKit
- GPS tracking is integrated into each CORE CommsKit
- CommsKit can operate independently or as part of a network with other AGILE CORE systems
- Dual Band Wi-Fi network for body cameras, surveillance equipment, and various wireless technologies
- Interconnection points for mobile data units, biometric instrumentation, and ancillary devices.
- The optional CORE Optica server provides unified management of multiple CORE-series based systems

## Scalability and Operations

- Twin or Mobile CORE CommsKit versions offer globally capable 5G or LTE radios in 2 or 4 channel sizes, each with the corresponding number of SIM card slots.
- The optional CORE Optica server configures and monitors all CORE systems, providing integrated system status reports. It also provides software to enable the MMS feature for CORE systems.
- The system features robust and secure dual-band Wi-Fi with a wide operational range. Wi-Fi mesh networking is an option with multiple CORE systems in a specific area.



Every CORE CommsKit features sophisticated software that automatically manages cell tower handoffs, maximizing signal strength and finding the best available connection. Bonded aggregation allows users to maintain session persistence, even with cell connection failures. The optional LMR extension functions in the background, detecting loss of trunked radio service and automatically re-routing transmissions over the LTE connection, requiring no operator action.

# CORE CommsKit

## Product Specification Data Sheet



Our devices automatically find the best available connection. If cellular service is lost, CORE will automatically switch to a satellite modem. When cellular service returns, it will reconnect. Customers do not need to monitor AGILE Routing.

	CommsKit X1	CommsKit-LMR X1	Twin CORE CommsKit X1
Number of Cellular Radios	4	4	2
SIM Capacity	4	4	2
Number of Cellular Antennas	4	4/8	2
GPS	Yes	Yes	Yes
Active or Passive GPS	Active	Active	Active
Number of GPS Antennas	1	1	1
Wi-Fi	Yes	Yes	Yes
Number of Internal Wi-Fi Antennas	4	4	4
Number of External Wi-Fi Antennas (optional)	4	4	2
Radio Over IP Capable	No	No	No
Number of Ethernet Ports (LAN/WAN)	6	6	6
Number of Simultaneous Users	512	512	512
Power, Battery	12V, 48Ah	10V, 42Ah	12V, 10Ah
Battery Time Before Recharge	28-76 Hours	16-48 Hours	18-54 Hours
Length	22" (56cm)	22" (56cm)	14" (35.56cm)
Width	16" (40.6cm)	16" (40.6cm)	10" (25.4cm)
Depth	12" (30.5cm)	12" (30.5cm)	7" (17.78cm)
Weight	25lbs. 5oz. (11.6kg)	30lbs. 8oz. (13.8kg)	10lbs 8oz (4.54kg)
Colors	Black Case	Black Case	Black/Yellow Case



## WE ARE AGILE

We engineer the hardware. We design the software.  
We build the solution. With committed support