



## Flexible Communications Platform

AGILE Mobile CORE is available in a variety of CORE Patrol configurations. CORE Patrol is a tactical communications hub built within a military-grade backpack that enables communication in terrain or conditions wherein absolute mobility is required leaving the user hands free. CORE Patrol contains a 4 Channel Mobile CORE a compact, rugged device that integrates bonded multi-channel cellular LTE, Wi-Fi, GPS, and optional Land Mobile Radio extension capabilities (CORE Patrol LMR). Every CORE Patrol contains a rugged router, long life batteries and built in LTE and GPS antennas. All of the benefits of the AGILE Mobile CORE in a package that can be transported to any location when even a portable case is difficult to manipulate.



### The Basics

- Military-Grade Backpack
- Battery time is 16 to 76 hours depending on CORE Patrol version, 12 V, 20 Ah
- 4 LTE channels / 4 SIM slots for each CORE Patrol
- GPS tracking embedded in each CORE Patrol
- May be deployed singularly or in a peer-to-peer mesh with other AGILE CORE systems
- Passively cooled for a wide range of temperatures
- Large, secure Wi-Fi coverage area for body cams, monitoring devices and other wireless systems
- Interconnect points for mobile data units, biometric equipment, and other devices

### Scalability and Operational Ease

- Four cellular LTE radios onboard that can hold 4 SIM cards or SIM cards can be distributed virtually from an optional CORE Control 2 system installed at your datacenter
- The optional CORE Control configures and checks in on all CORE systems. CORE Control provides the MMS feature and reduces maintenance and downtime while providing integrated system status reports.
- CORE Patrol systems automatically register with the optional CORE Control 1 server when turned on and are visible on the network for the entire duration. If CORE Control 2 is added appropriate remote SIM cards can be distributed per plan
- Powerful and secured Wi-Fi with a large effective range for secured authorized devices. Wi-Fi mesh is possible with multiple CORE systems deployed in a given territory

Every CORE Patrol has sophisticated software that manages cell tower handoffs as you travel, maximizing signal strength and automatically searching for the best throughput connection available. Use of bonded LTE aggregation allows CORE Patrol users the ability to maintain session persistence even if one or more of the cell connections fail for any reason.

The optional LMR extension functions in the background to detect loss of service to the trunked radio network and will send the transmission over the LTE connection. This requires no action by the operator.

## FLEXIBILITY TODAY AND TOMORROW

CORE Patrol has 4 cellular LTE radios onboard that covers most frequencies of service around the world, including all major North American carriers and is Band 14 ready. This flexibility allows not being limited with one service providers when you make your LTE router purchase or having to change your hardware if you are changing your service provider.

# CORE Patrol

Product Specification Data Sheet

Billet milled aluminum case for mobile, portable and office applications



## AGILE ROUTING

Our devices automatically search for the best throughput connection available. If all LTE connections are lost, CORE Patrol will automatically connect to the satellite. If the device finds a LTE connection it will reconnect to the first available LTE service, hands-free. The customer does not have to monitor AGILE routing.

|                                              | CORE Patrol X1/X2    | CORE Patrol-LMR X1/X2 |
|----------------------------------------------|----------------------|-----------------------|
| Number of Cellular Radios                    | 4                    | 4                     |
| SIM Capacity                                 | 4                    | 4                     |
| Number of Cellular Antennas                  | 4/8                  | 4/8                   |
| GPS                                          | Yes                  | Yes                   |
| Active or Passive GPS                        | Active               | Active                |
| Number of GPS Antennas                       | 1                    | 1                     |
| Wi-Fi                                        | Yes                  | Yes                   |
| Number of Internal Wi-Fi Antennas            | 4                    | 4                     |
| Number of External Wi-Fi Antennas (Optional) | 2                    | 2                     |
| Radio Over IP Capable                        | No                   | Yes                   |
| Number of Ethernet Ports (LAN/WAN)           | 6                    | 6                     |
| Number of Simultaneous Users                 | 512                  | 512                   |
| Power, Battery                               | 12V, 48Ah            | 10V, 42Ah             |
| Battery Time Before Recharge                 | 28 – 76 Hours        | 16 – 48 Hours         |
| Length                                       | 22" (56cm)           | 22" (56cm)            |
| Width                                        | 19" (48cm)           | 19" (48cm)            |
| Depth                                        | 8" (20cm)            | 8" (20cm)             |
| Weight                                       | 16lbs. 5oz. (7.44kg) | 21lbs. 8oz. (9.55kg)  |
| Colors                                       | Black or Coyote      | Black or Coyote       |

## MORE BANDWIDTH LESS EXPENSE!

**WE ARE AGILE**

We engineer the hardware. We design the software. We build the solution.



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