



VehicleView Series™

CAR RECEIVER KIT–Mobile Surveillance Center

The AgileMesh VehicleView CAR RECEIVER KIT™ enables a car to be an on-scene mobile surveillance center. Wireless live video feeds from any CommandMesh™ compliant surveillance equipment are sent to the car where they are monitored on a single, unified screen. This is ideal for major crimes, disasters and multiagency incidents where there is a need for live surveillance of an area. The optional cellular backhaul also enables remote monitoring as needed.



AgileMesh total on-scene, portable surveillance systems enable incident commanders to provide an enhanced level of officer safety, valuable post-incident training tools, incident action evidence gathering and a new level of liability protection. All video transmissions are secure and if one AgileMesh unit is disabled or destroyed other on-scene units continue to operate.

AgileMesh solutions include the proprietary CommandMesh software platform which optimizes video signal processing and communications.



An On-Scene Force-Multiplier that's Easy to Deploy, Set-Up and Use with No Special Technology Skills Required

CAR KIT- Components and Specifications

CAR RECEIVER KIT

The AgileMesh VehicleView Series CAR RECEIVER KIT™ enables a vehicle to be an on-scene mobile surveillance center. Wireless live video feeds from any CommandMesh™ compliant surveillance equipment are sent to the vehicle where they are monitored on a single, unified screen.

KEY FEATURES OF EACH SYSTEM

- Simple error-proof configuration.
- Standalone solution - no network or cell infrastructure required.
- Supports diverse video sources, including existing drones, robot vision systems, throw phones, sniper scopes, pole cameras, and mast cameras.
- Built-in deployment aids further simplify reliable set-up every time.
- Multiple encryption levels ensure highly secure network communications.
- Ruggedized and weatherized for the harshest environments.
- Entirely self-contained/easily scalable.
- Provides full, real-time concurrent 360 degree incident/event visibility
- Self-powered.
- Remotely viewable using cellular backhaul capability.

PROPRIETARY CONTROL PANEL

- Pushbutton Channel selector with LCD indicator
- LCD Indicator for correct node placement
- Pushbutton Node selector with LCD indicator

MESH PROTOCOL

- "Mesh Rider" Protocol (standards based)
- Self-forming, Self-healing mobile mesh
- Highly reliable network, with redundancy

ENCRYPTION

- 256-bit AES (12 Mbps max throughput) (FIPS140-2, Level 2 compliant) 128-bit AES hardware data encryption @ full rate

WIRELESS INTERFACE

- Interference resistant COFDM/MIMO technology
- TX Power: Up to 1 W ERP
- Frequency: 900 MHz, 2.4GHz ISM
- Contact factory for other Frequency options

INTERFACE CONECTORS

Network

- RJ-45 connector
- 10/100 802.3 Ethernet

Antenna

- RP-TNC, Dual

POWER INTERFACE

- 12 VDC (2 amp)

KIT INCLUDES

- CommandMesh enabled video node
- Cables
- Power adapters
- Antennas (2)
- Magnetic mount antenna base (2)
- Antenna adapters
- Computer (optional)
- VMS and server (optional)
- Pelican case with custom foam cutouts



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