AgileMesh™

VehicleView Series™

ARMORED VEHICLE KIT–Mobile Surveillance Center

The AgileMesh VehicleView Series ARMORED VEHICLE KIT™ enables an armored vehicle to be an on-scene mobile surveillance center. Wireless live video feeds from any CommandMesh™ compliant surveillance equipment are sent to the armored vehicle where they are monitored on a single, unified screen. In addition, the vehicle provides backhaul options for monitoring at remote locations. AgileMesh ARMORED VEHICLE KITS are available as aftermarket add-ons, and through armored vehicle OEMs.
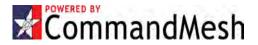
AgileMesh total on-scene, portable surveillance systems enable incident commanders to provide an enhanced level of officer safety, valuable post-incident training tools, incident action evidence gathering and a new level of liability protection. All video transmissions are secure and if one AgileMesh unit is disabled or destroyed, other on-scene units continue to operate.

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

POWERED BY CommandMesh

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

ARMORED VEHICLE KIT

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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, 2.4 GHz ISM
- Contact factory for other Frequency options

VIDEO INTERFACE

- Dual Composite In (BNC); NTSC/PAL
- HDMI In

POWER INTERFACE

- 12 VDC (2 amp)

INTERFACE Connectors

Network

- RJ-45 connector
- 10/100 802.3 Ethernet

Video

- BNC
- HDMI

Antenna

- Dual RP-TNC

Power

- 4-pin pigtail (supplied)

KIT INCLUDES

- CommandMesh™ enabled video node
- Cables
- Power pigtail
- Antennas

AgileMesh