



GroundView™ Series

SENTINEL – Portable, Easily Deployed, Surveillance

The AgileMesh™ GroundView™ Series portable, wireless, surveillance solution includes the SENTINEL. The SENTINEL features a specially designed camera deployment unit (CDU), one or two ruggedized PTZ surveillance cameras, a CommandMesh™ compliant wireless networking node, an antenna mounting assembly, antenna and a carrying case.

The SENTINEL is ideal for establishing live, streaming surveillance on all four sides of a major incident where SWAT, hostage negotiators, Intervention specialists or other special tactical units are deployed.



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.

Each AgileMesh solution includes its proprietary CommandMesh™ platform which optimizes video signal processing and communications.



CHOICE OF DIFFERENT CAMERA HEADS
**Easy to Deploy, Set-Up and Use with No Special
Wireless, Software or Technology Skills Required.**

SENTINEL - Components and Specifications

SENTINEL

The SENTINEL includes a specially designed camera deployment unit (CDU), a ruggedized PTZ surveillance camera, a CommandMesh™ Tactical Video Node, an antenna mounting assembly, two antennas and a carrying case.

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.

CAMERA DEPLOYMENT UNITS (CDUs)

- Heavy Duty for Tactical Outdoor Use
- Telescoping extendable legs (3 stages)
- Hard-side carrying case
- Quick-disconnect camera mount

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

DUAL ANTENNA ASSEMBLY

- Includes 900 MHz, 2.4 GHz antennas
- Quick-connect to CDU mount
- 48" LMR-400U cables w/RP-TNC plug connectors

NETWORK INTERFACE

- RJ-45 connector
- 10/100 802.3 Ethernet

CAMERA OPTIONS

- IP Hardened PTZ w/IR
 - 20 MegaPixel
 - 1080P 60fps/30fps, 720P 60fps
 - 20X Optical Zoom
 - 32X Digital Zoom
 - Image Stabilization
 - Day & Night Capability
 - Weather-proof, IP66 Outdoor Housing
 - 48" cable w/mil-spec connector
- Contact factory for other camera options

POWER OPTIONS

- Internal 12VDC battery
- 110/220 VAC, 50/60 Hz
- External 12VDC input
- Integrated battery charger
- Cigarette lighter & alligator clip adapters

