

GroundView Series™

SCOUT – Rapid All-in-One Deployment

The AgileMesh GroundView Series SCOUT™ is a portable, wireless, surveillance solution designed for rapid outdoor and indoor deployment for live monitoring of areas of interest. Each SCOUT is a self-contained camera deployment unit (CDU) with a rugged surveillance camera, built-in IR illuminator, CommandMesh™ compliant wireless networking node, antennas, a built-in battery and charger, and a monopod – all in one carrying case.

The SCOUT allows an observation position to be quickly deployed with a simple all-in-one unit. Its telescopic pole extends approximately five feet and provides live streaming video of almost any location of interest.



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.



CHOICE OF 2 DIFFERENT CAMERA HEADS
An On-Scene Force-Multiplier that's Easy to Deploy, Set-Up and Use with No Special Technology Skills Required

SCOUT - Components and Specifications

SCOUT

Each SCOUT is a self-contained camera deployment unit (CDU) with a rugged surveillance camera, built-in IR illuminator, a CommandMesh wireless networking node, antennas, a built-in battery and charger, a monopod and carrying case.

KEY FEATURES

- Simple error-proof configuration
- Standalone solution - no network or cell infrastructure required
- Supports diverse video sources, including existing robot vision systems, throw phones, sniper scopes, pole cameras, eyeballs, and mast cameras
- Proprietary Control Panel ensures full interoperability and integration with other agencies
- 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

CAMERA DEPLOYMENT UNITS (CDUs)

- Heavy Duty for Tactical Outdoor Use
- Multiple power options
- Telescoping monopod
- Hard-side integrated carrying case
- Quick-disconnect camera mount

ANTENNA ASSEMBLY

- Includes 2.4 and 5.X GHz omni antennas
- Mounts on attached N-Female connector

PROPRIETARY CONTROL PANEL

- Channel selector and indicator
- Deployment aid (indicator for correct placement)
- Node identity selector and indicator

MESH PROTOCOL

- AgileMesh™ CommandMesh Protocol (standards based)

ENCRYPTION

- 802.11s standard based key generation
- AES-SIV

WIRELESS INTERFACE

- TX Power: Up to 1W EIRP
- 2.4 GHz spectrum: 2.410-2.497 GHz
- 4.9 GHz spectrum (Public Safety only)
- 5 GHz spectrum:
 - 5.150-5.250 GHz
 - 5.250-5.350 GHz
 - 5.725-5.850 GHz
- 900 MHz ISM (optional)

NETWORK INTERFACE

- RJ-45 connector
- 10/100 802.3 Ethernet

VIDEO INTERFACE

- Composite In (BNC); NTSC/PAL
- Simultaneous Dual Encoding
 - MJPEG Encoding; Resolutions 640 x 480, 320 x 240, 160 x 120: 1 - 30 fps
 - H.264 Encoding; Resolutions 640 x 480, 320 x 240, 160 x 120: 1- 30 fps
- RJ-45 for IP Cameras

AUDIO INTERFACE

- Line level In/Out

DIGITAL INTERFACE

- Pan-Tilt-Zoom Control: RS-485
- Alarm input (Hi=12vdc)
- Relay contact output (NO)

CAMERA OPTIONS

- Hardened PTZ w/IR
 - 48" cable w/mil-spec connector
 - 26X Optical zoom
 - Image Stabilization
 - 1.0 LUX (0 lux w/IR)
- Fixed w/IR
 - 48" cable w/mil-spec connector
 - Built-in IR LEDs for 0 lux operation
 - 0.1 lux color/0.02 lux black & white

POWER OPTIONS

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

KIT INCLUDES

- Self-contained camera station
- Camera
- CommandMesh enabled video node
- Built-in battery and charger
- Monopod
- Wheeled carrying case

