

## GroundView Series™

### SCOUT I – 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, antenna, 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 monopod 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***

AgileMesh, Inc. / 1761 International Parkway, Suite 113 / Richardson, Texas 75081

T 972.231.2122 / F 972.231.2406 / info@agilemesh.com / www.agilemesh.com

# SCOUT I - 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 5.X GHz omni antenna
- Mounts on N-Female connector

## LTE MODEM (Internal)

- Customer service plan required
- TX and diversity antennas

## 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-SAE

## WIRELESS INTERFACE

- TX Power: Up to 1W EIRP
- 4.9 GHz spectrum (OPTIONAL)
- 5 GHz spectrum:
  - o 5.150-5.250 GHz
  - o 5.250-5.350 GHz
  - o 5.725-5.850 GHz

## NETWORK INTERFACE

- RJ-45 connector
- 10/100 802.3 Ethernet

## VIDEO INTERFACE

- Composite In (BNC); NTSC/PAL
- Simultaneous Dual Encoding
  - o MJPEG Encoding; Resolutions 640 x 480, 320 x 240, 160 x 120: 1- 30 fps
  - o 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 or Mic level In
- Headphone level Out

## DIGITAL INTERFACE

- Pan-Tilt-Zoom Control: RS-485
- Pelco-D Protocol

## CAMERA OPTIONS

### Hardened PTZ w/IR

- 70" cable w/mil-spec connector
- 20X Optical zoom
- Image Stabilization
- 360 degree continuous pan
- 15 degree down tilt
- 1.0 LUX (0 lux w/IR)

### Environmentally Hardened PTZ

- 70" cable w/mil-spec connector
- 30X Optical zoom
- Nitrogen filled
- 360 degree continuous pan
- 360 degree continuous tilt
- -20 - +70 degrees C
- 0.2 lux

## 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

