

NetView Series™ SIGNAL EXTENDER™

The AgileMesh SIGNA EXTENDER is designed for rapid and stable outdoor deployment. Using the latest in wireless mesh networking technologies, it extends the range of surveillance video, audio and data transmissions from an incident or event to the command viewing location. This is accomplished securely to sync the entire AgileMesh Incident Area Network together.



AgileMesh on-scene, live streaming, portable wireless surveillance systems provide incident/event commanders with an enhanced level of operations management capability, increased officer safety, more accurate incident action records and greater liability protection.

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

SIGNAL EXTENDER - Components and Specifications

SIGNAL EXTENDER

SIGNAL EXTENDERS are self-contained units with isolated front panel controllable CommandMesh nodes connected together and pre-configured to extend the range of the Incident Area Intelligence Network (IAIN) video, audio and data transmissions. Nodes, antennas, cables and built-in battery and charger are all in one rugged wheeled transport and storage case.

Each CommandMesh node is separately controllable to select unique operating frequencies for each. By matching the channels to the incident area network system on one side and the next mesh extender (or viewing location) on the other side, the network information can be "hopped" from point to point. This allows connectivity between the CommandMesh incident surveillance and a command location around the corner, over a hill, or down the block. This connectivity is provided with no loss of bandwidth.

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)

POWER OPTIONS

- Internal 12 VDC battery (28 Ah)
- 110/220 VAC, 50/60 Hz
- External 12VDC
- Integrated battery charger
- Cigarette lighter & alligator clip adapters

INTERFACE Connectors

Network

- RJ-45 connector
- 10/100 802.3 Ethernet

USB

- 2.0 Type A Jack

Power Input

- IEC Connector (AC)
- 2-pin mil-spec (12VDC)

Antenna

- N-Female (2)

KIT INCLUDES

- Two pre-configured isolated CommandMesh wireless nodes
- Antennas (2.4 GHz. and 5.X GHz.)
- Cables
- Self-contained battery and charger
- Rugged wheeled transport and storage case

