

NetView Series™

CommandMesh CONNECTOR™ – Connects Everything

The CommandMesh NetView Series CONNECTOR™ connects the CommandMesh™ Incident Area Intelligence Network™ (IAIN) with an agency's existing surveillance products as well as any of the AgileMesh "VIEW" Series products (GroundView, BodyView, VehicleView, StealthView). Optional cellular backhaul is available internally and together with the NETWORK BRIDGE the CommandMesh CONNECTOR can also connect to fixed LANs/WANS enabling secure transmission of video, audio and data to remote command positions and other designated receive points.

All video transmissions are secure, and if one CommandMesh™ unit is disabled or destroyed other on-scene units continue to operate. Each CommandMesh™ solution includes 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*



CommandMesh - CONNECTOR - Specifications

CommandMesh Connector

The CommandMesh CONNECTOR connects legacy surveillance products to the CommandMesh Incident Area Intelligence Network (IAIN). It provides instant compatibility with and connectivity to the AgileMesh BodyView, GroundView, VehicleView and StealthView Series products. The resulting CommandMesh IAIN gives incident commanders total access to all surveillance resources at the scene.

KEY FEATURES OF EACH SYSTEM

- Powered by CommandMesh
- 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 node Control Panel design 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

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)

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)

POWER INTERFACE

- 12 VDC (1 amp)

INTERFACE CONECTORS

Network

- RJ-45 connector
- 10/100 802.3 Ethernet

USB

- 2.0 Type A Jack

Power Input

- Threaded 2.5mm Jack

Camera Power Input

- Threaded 2.1 mm Jack

Video Input

- BNC
- RJ-45 for IP Cameras

Audio

- 3.5mm jacks (In/Out)

Antenna

- RP-SMA

Digital

- Terminal Block

KIT INCLUDES

- CommandMesh enabled connector video node
- Front panel Control
- Ethernet and USB interface
- Wearable pouch
- 2 Batteries, battery charger
- Antennas
- Video Adapters
- Pelican Case with foam cutouts

