WOLFPACK
Networked Tactical ISR™

Eomax Corp.
Tel: 416-628-1573
Fax: 416-628-4897
Email: info@eomax.net
www.eomax.com

NW3d / SuperMesh+™ wireless Network

α system

Features:

- 3000m line-of-sight transmission range node-to-node.
- View SuperMesh+ video streams on Wolf Pack displays and standard Android mobile devices.
- Compatible with every Wolf Pack camera and optical device.
- Modular, field configurable plug and play design supports rapid deployment.
- Flexible power options for operations from several hours to several days.
- Engineered in accordance with MIL-STD-810G.

Wolf Pack SuperMesh+™ is a mobile ad hoc mesh network that allows operators to quickly and easily deploy multiple Wolf Pack camera nodes in a variety of environments and stream video from these camera positions over standard Android™ mobile devices. SuperMesh+ employs a modular plug-and-play Wolf Pack radio* configuration ensuring rapid network setup anywhere and in any weather. SuperMesh+ modules are equipped with an Ethernet gateway that allows connection to IP standards-based backhaul network infrastructure as required. Wolf Pack tactical networks are compatible with ATAK and other geospatial SA software applications.

*US Patent # US 20110221907 A1

Specifications:

EW-NW3d

Mesh Radio Models:
NW3d9:   900MHz (ISM)
NW3d15:   1400MHz (L-Band licensed)
NW3d24:   2400MHz (S-Band ISM)

Radio Configuration:
2x2 MIMO

Tx Power:
1w

Bandwidth:
40MHz (100Mbps)
20MHz (80Mbps)
10MHz (40Mbps)

Transmission Range:
3000m typical line-of-sight w/ standard 3.5db omni-directional antennasww

Mesh Encryption[1]:
Hardware Layer: AES128 / 256 / 512 / 1024
Transport Layer: Optional special encryption

Access Point (AP) Radio:
802.11n WLAN (2.4GHz)

AP Radio Encryption:
AES128 w/ WPA-PSK access control

Ethernet Gateway:
100BaseT connection to IP standards-based external networks.

Antenna Ports:
Mesh, AP, GPS, Serial Data

Video Resolution:
Low / Medium / High (HD)

Video Recording (HD):
24 hours/32GB, 48 hours/64GB, 96 hours/128GB, 192 hours/256GB

Connectors:
Eomax press-lock w/ secondary interlock (1x male, 1x female)

Accessory Connectors:
Eomax press-lock (1x Ethernet, 1x USB)

Dimensions:
155mm x 93mm x 55mm

Weight:
575g

Environmental:
IP68 – engineered in accordance with MIL-STD-810G

1 May require export license.