

### Industrially Hardened Point-to-Multipoint Wireless Ethernet Link

NW1/NW2





The NetWave<sup>™</sup> NW1 and NW2 from ComNet<sup>™</sup> is an industrially hardened wireless Ethernet transmission link that can be configured through the embedded User Interface as a Client or as an Access Point. This point-to-multipoint model allows multiple Ethernet endpoints to be connected to a central Access Point. Up to 15 endpoints can be linked to a central access point. The NW1 and NW2 support up to 95Mbps throughput using MIMO technology. An easy to read LED array displays unit operational status along with received signal strength ensuring optimal installation and operation. The units are powered by PoE (Power over Ethernet) through a supplied PoE injection module. The NW1 is FCC certified and the NW2 is ETSI, DFS and TPC certified.

#### **FEATURES**

- > 802.11a/n Compliant
- > RF Spectrum Survey Tools
- > Antenna Alignment Tools
- > Passive PoE Support
- > Secure transmission: WPA2 AES or TKIP encryption
- ComNet Antenna alignment feature eases installation and setup
- Distance adjustments allow for short- or long- range transmission

- > ETSI Standards:
- DFS Dynamic Frequency Selection
- TPC Transmit Power Control
- Meets class IP67 dust and water immersion protection standards
- > Environmentally Hardened -40° to +75°C
- > Lifetime Warranty

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#### **SPECIFICATIONS**

Addressing	Static IP / DHCP Client / DHCP Server
SNMP	V2c
Spanning Tree Protocol support	
Telnet Server	
Syslog	
802.1x Port-Based N	etwork Access Control
NTP Client	
User-Configurable W	atchdog and Auto-Reboot Mechanism
Multi-Level Configura	ation and Monitoring Login Accounts
User Configurable Lo	ng Range Parameters
lectrical & Mechanical	
Power	+24VDC @ 350mA
Size (L $\times$ W $\times$ H)	$10.0 \times 10.0 \times 3.4$ in. (25.7 × 25.7 × 8.6 cm)
Shipping Weight:	<2lbs/0.9kg
nvironmental	
MTBF	>100,000 hours
Operating Temp	-40° C to +75° C
Storage Temp	-40° C to +85° C
Relative Humidity	5% to 95%
	SNMP Spanning Tree Protoc Telnet Server Syslog 802.1x Port-Based M NTP Client User-Configurable W Multi-Level Configura User Configurable Lo Vectrical & Mechanical Power Size (L × W × H) Shipping Weight: NTBF Operating Temp Storage Temp

# ORDERING INFORMATION

Part Number	Description
NW1	Industrially Hardened Point-to-Multipoint Wireless Ethernet Link, FCC certified
NW2	Industrially Hardened Point-to-Multipoint Wireless Ethernet Link, ETSI certified
Included Accessories	Power Kit with Power Supply and Passive Power Injector Mounting Hardware Kit
Options	Add '/C' for Conformally Coated Circuit Boards (Extra charge, consult factory)

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(Client)

Passive

Injector

IP

Camera

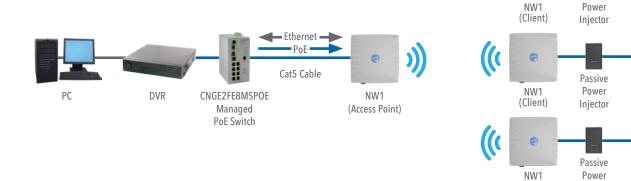
IP

Camera

IP

Camera

### TYPICAL APPLICATION



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