



## NSA-TDM5161N-60 / NSA-TDM516123-60 (Point to Point)

### TDMA Outdoor Bridge 60Mbps@40km

**Long Distance, High Bandwidth**  
**Ideal for wireless ISP markets**



### Key Features & Benefits

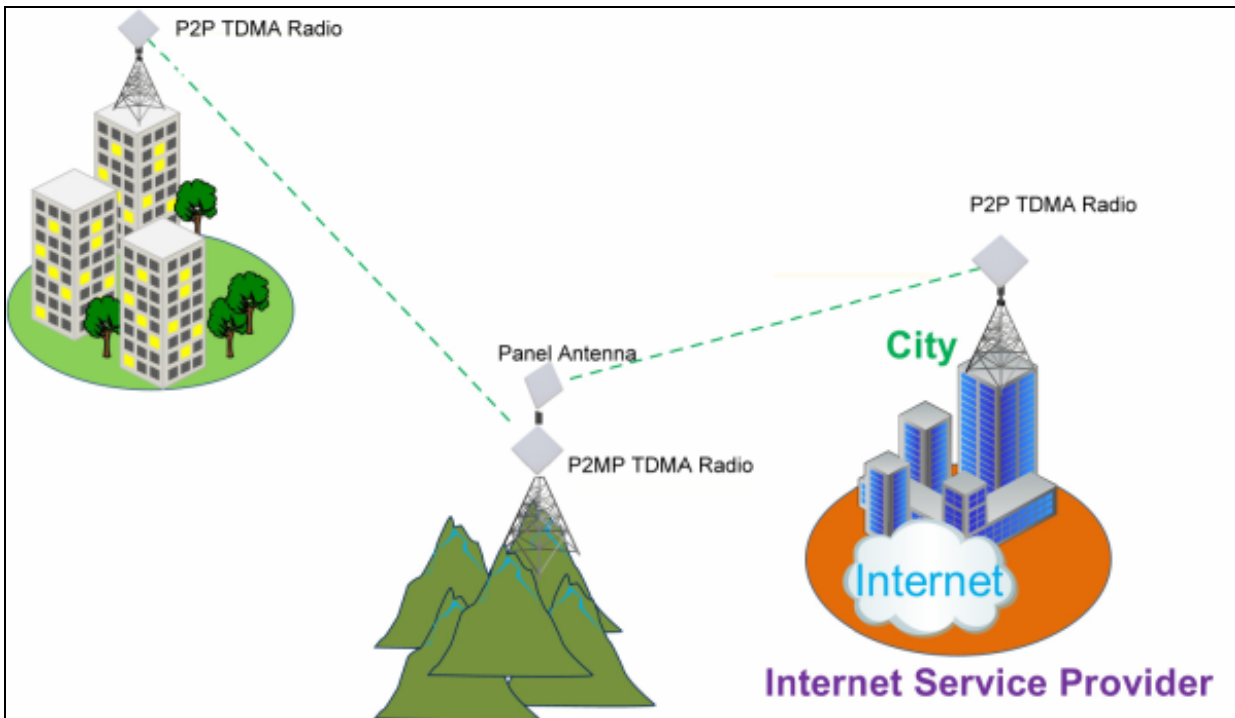
- Reliable Outdoor Enclosure
- IP67 Qualified
- Waterproof
- Vent design
- Good Balance on low Cost and High Performance
- Actual reachable testing range > 50 km
- High throughput
- Support point to point , point to multi point and Relay functions
- Ready for Next Generation Technology
- Software Features
- High security (AES)
- Ease of Installation (Real time Link Test for Local and Remote RSSI)
- Transmit Power Control
- Bandwidth Control (40 / 20 / 10 / 5 MHz)
- Wireless TDMA (TDD Mode)
- VLAN Support

### Specification

HARDWARE	
CPU / Memory	Intel IXP 422, 16MB Flash + 32MB SDRAM
LAN	1 x 10/100BaseT RJ-45 with Auto-MDIX
Output Power	25dBm
Power Over Ethernet (PoE)	Yes (802.3af)
Default Button	Yes
Enclosure	Metal Case, IP 67 Verified
Lighting Protect	From Ethernet and Antenna (N Connector Model Only)
FEATURE	
Operating Mode	Bridge (PTP)
Link Test Tool	Yes (Real Time Local and Remote RSSI)
Radio Bandwidth	5 / 10 / 20 / 40 Mbps
TDMA	Yes



<b>Link aggregation</b>	Yes (For Dual RF Model, R2, Coming Soon)
<b>TDM Coordination</b>	Yes
<b>Channel Selection</b>	Yes
<b>DFS/TPC</b>	Yes
<b>Spanning Tree (STP)</b>	Yes
<b>VLAN</b>	Yes (802.1Q)
<b>NetBIOS Name</b>	Yes
<b>Space In Meters</b>	Yes (Auto)
<b>NTP Client</b>	Yes
<b>CLI</b>	Yes (SSH)
<b>Backup / Restore</b>	Yes
<b>System Log</b>	Yes
<b>Remote Log Server</b>	Yes
<b>SECURITY</b>	
<b>Encryption</b>	AES
<b>MANAGEMENT</b>	
<b>Web Base Management</b>	Yes
<b>SNMP V.2</b>	Private MIB, 802.11 MIB
<b>Windows Tool</b>	Yes (Layer 2, Coming Soon)
<b>PHYSICAL</b>	
<b>Operating Temperature</b>	-30 ~ 80C
<b>Operating Humidity</b>	10 ~ 95% RH
<b>Order Information</b>	
NSA-TDM5161N-60	5120~6060MHz P2P 60Mbps Single Radio / N connector
NSA-TDM516123-60	5120~6060MHz P2P 60Mbps Single Radio Built-in 23dBi Antenna



## Test Report

