

ZANO_{Z34N} | Broadband UHF Solution



Overview

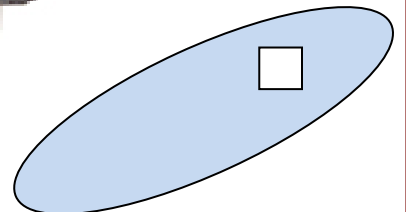
The new wireless UHF solution is presented by ZANO. It is not just a common UHF radio, It is a BROADBAND RADIO which provide wide range of frequency band from 300MHz to 400MHz. Z34N provides good performance in Line of Sight (LOS) and Non Line of Sight (NLOS) condition, in point to point and point to multipoint configuration. Optimization of the coverage and bandwidth could be obtained easily by the flexibility and variety of its antennas.

Features

- Portable equipment with light weight and low power consumption.
- High standard weatherproof and waterproof outdoor enclosure.
- High power output for longer distance and broader coverage.
- Point to point links and point to multipoint links dual mode selectable
- Robust structure in high speed mobility up to 50KM/H.
- AC and DC dual mode adaptable power supplies.
- High signal sensitivity for a better performance.
- The best in the crowded and obstacle area.
- Iron-clad and multiple security access.
- Support triple play and convergence network.

Applications

- Municipality Access.
- Oil and gas Industry.
- Military communication.
- Mining Operation.
- Police Department.
- Telco Operators.
- Banking.
- Government.
- Others.



Model	Z89N
Radio type	Spread Spectrum
Modulation	DQPSK, CCK
Central Frequency	300MHz~400MHz
Operating mode	point to point, point to multipoint
Transmission rates	11, 5.5, 2, and 1 Mbps, with auto fallback
Receive Sensitivity	-83dBm @11Mbps
Number of channel	1
Connectors	10/100Base-T RJ-45 and UHF Radio N-type Female
Output power	37dBm (max.)
Security	128-bit WEP encryption
Software support	SNMP-based network management tools
Operation system	Windows 98/Me/NT4.0(SP4 or above)/2000/XP
Environmental Requirements	Operating Temperature: -20°C to 60°C Storage Temperature: -30°C to 80°C Humidity: 5% to 95%, non-condensing
Dimensions	262 × 193 × 110mm
Weight	5.8kg
POWER requirement	AC 100V-240V 50/60Hz 2A (MAX), or DC48V, 2A (MAX)
Antenna	Omnidirectional, Sectoral and Unidirectional
Gain	5.5dBi
VSWR	≤1.5
Impedence	50 Ω
Polarization	Vertical/Horizontal
Power limitation	100W
Connecter	N-type Male
Length	50cm
Weight	180g
Wind enforced	60m/s
Mounting	Φ 80 stainless steel magnet mount

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