



Base Distribution Unit

Traffic aggregation and distribution device that completes your wireless solution

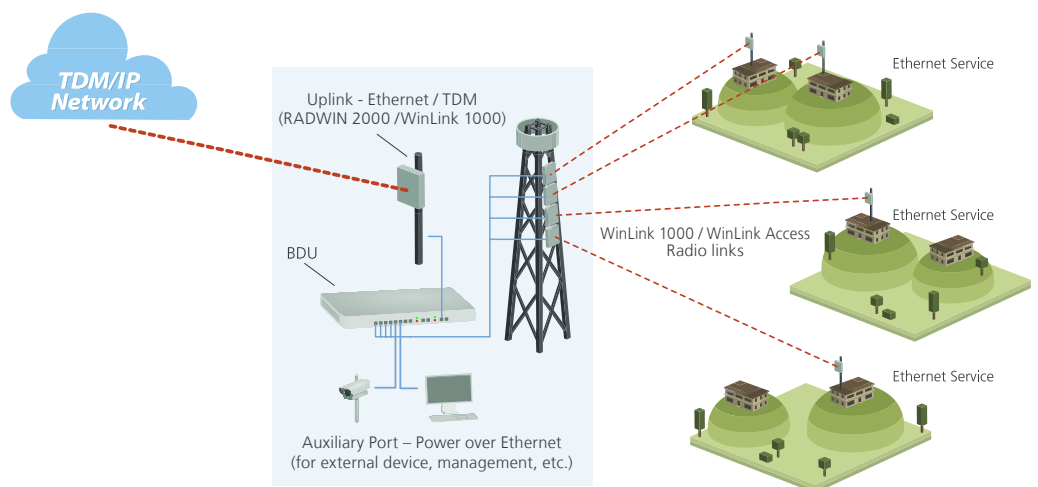
Product Highlights

- Up to 2 TDM and/or Ethernet uplink connections
- Connect up to 8 WinLink 1000 radios
- Full Layer-2 switching capabilities
- Powers WinLink 1000 radios via PoE
- Eliminates the need for multiple devices
- SNMP and web-based management

The BDU (Base Distribution Unit) is an indoor device that aggregates traffic to up to 2 TDM/Ethernet uplink connections and distributes traffic to up to 8 simultaneously connected ODUs, while performing full layer-2 switching functionality. This complements the Hub site as an integral

part of RADWIN's Multiple Point-to-Point wireless solution.

BDU is an ideal solution for service providers and private networks. It enables them to easily and effectively build and manage a wireless network, while achieving flexibility and a wide variety of deployment scenarios.



ODU Interface	
Number of ODU Ports	8; can be configured as 802.3af PoE
Connector	RJ-45
Uplink Interface	
Interface	2 combo ports of 10/100/1000BaseT (RJ-45) or SFP
SFP Types	Standards: 1000BaseT IEEE 802.3, 1000Base-x IEEE 802.3 and E1/T1 ITU-T G.703
BDU-SFP Interface	GbE
All Interfaces	
Line Impedance	100 Ω
Framing/Coding	IEEE 802.3/U
Maximum Frame Size	1632 Bytes
MAC Address Table Size	8K addresses
VLAN	802.1q; 64 VLAN IDs per port Tagging/Un-tagging per port
QoS	IEEE 802.1p, 4 priority queues, ToS
Rate Limiting	Ingress and Egress Based 64Kbps to 2Mbps (64Kb resolution) 2Mbps to 10Mbps (2Mb resolution) 10Mbps to 50Mbps (5Mb resolution) 50Mbps to 100Mbps (10Mb resolution)
Security	SSL, Access Control List
Management	
Web Based Management	Explorer and Mozilla
Protocol	SNMP v1/v2
IP Address Assignment	Configurable or by DHCP
Software Upgrade	Web-based
NMS Application	RNMS (RADWIN NMS)
Mechanics	
Dimensions	48.3cm(W) x 29cm(D) x 4.5cm(H)
Weight	1.5 kg / 3.3 lbs
Power	
Power Feeding	0.2A @ -48VDC; Feeding each ODU requires additional 0.2A
Max Power Dissipation	10Watt
Environmental	
Operating Temperatures	0°C - 45°C / 32°F - 113°F
Humidity	90% non-condensing
Safety	
UL/TUV	60950 (Third Edition)
EN	IEC 60950-1 (2001)
CAN/CSA	C22.2 No. 60950
EMC	
FCC	47 CFR Class B, Part15, Subpart B
ETSI	EN 300 386 V1.3.2; EN 301 489-4 V1.3.1; EN 301 489-1 V1.4.1
CAN/CSA-CEI/IEC	CISPR 22-02



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