

TI-NBD2302-48

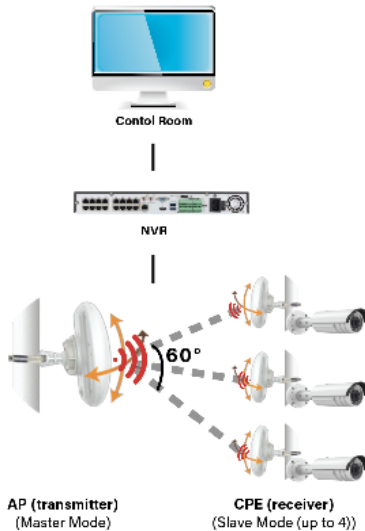
Wireless Bridge



KEY FEATURES

- Easy Setup via DIP Switches
- Takes less than a minute to setup the devices for installation
- No PC required
- No network knowledge required
- Reliable connection
- Point to Point or Point to Multi-point
- Range Up to 1.8mi

CONNECTION DIAGRAM



TI-NBD2302-48			
Chipset	Atheros AR9341 600MHz		
Memory	DDR 64MB		
Storage	8MB Flash		
IC	SiGe2576L		
Port	10/100Mbps LAN*2		
Speed	11b: 11M, 5.5M, 2M, 1Mbps 11g: 54M, 48M, 36M, 24M, 18M, 12M, 9M, 6Mbps 11N: 6.5M, 13M, 13.5M, 19.5M 26M, 27M, 39M, 40.5M, 52M, 54M, 58.5M, 65M, 81M, 108M, 121.5M, 135M, 150M, 270M, 300Mbps		
Transmission	DSSS		
Modulation	OFDM / BPSK / QPSK / CCK / DQPSK / DBPSK		
Standard	IEEE802.11n, IEEE802.11g, IEEE802.11b, IEEE802.3u		
Protocol	CSMA/CA, TCP/IP, IPX/SPX, NetBEUI, DHCP, NDIS3, NDIS4, NDIS5		
Channel	2312-2732MHz		
Power Dissipation	≤5W		
Power	POE 48V 0.5A		
RF@25°C±2dB	802.11b	27±2dBm	
	802.11g	6-24Mbps	26±2dBm
		36-48Mbps	25±2dBm
	802.11n	54Mbps	24±2dBm
HT20		MCS 7	22±2dBm
	HT40	MCS 7	22±2dBm
Sensitivity	IEEE 802.11b	11Mbps ≤ -85dBm	
	IEEE 802.11g	54Mbps ≤ -70dBm	
	802.11n	HT20	MCS 7 ≤ -65dBm
HT40		MCS 7 ≤ -62dBm	
Antenna	Frequency	2300-2800MHz	
	Polarization	Vertical / Horizontal	
	Gain	16DBi	
Management	WEP Management	Yes	
	SNMP MIB	Yes	
	Telnet	Yes	
	Serial	Yes	
Security	MAC Adress Control	No	
	Encryption	WEP 64/128bits, WPA, WAP2, 802.1x	
Operating Condition	Operation Temperature	-30°C - 65°C	
	Storage Temperature	-50°C - 80°C	
	Humidity	≤95% (Non-condensed)	

DIMENSION

