

# Wireless Bridge

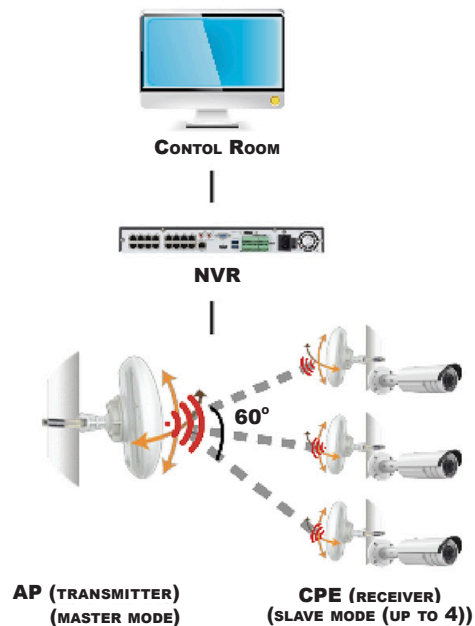


MODEL **TI-NBD2302-48**

## 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

## Wireless Bridge

### SPECIFICATIONS

PoE	TI-NBD2302-48			
<b>Summary</b>				
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	26±2dBm	
		54Mbps	26±2dBm	
	802.11n	HT20	MCS 7	26±2dBm
HT40		MCS 7	26±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		

# TI-NBD2302-48

## Wireless Bridge

### SPECIFICATIONS

PoE	TI-NBD2302-48	
<b>Summary</b>		
Security	MAC Adress Contro	No
	Encryption	WEP 64/128bits, WPA, WAP2, 802.1x
Operating Condition	Operation Temperature	-22°F ~ -85°F (-30°C ~ 65°C) Yes
	Storage Temperature	-58°F ~ 176°F (-50°C ~ 80°C)
	Humidity	≤95% (Non-condensed)

### DIMENSION

