



Wireless Gateway

Model: BS909N

The BS909N is a wireless gateway complying with both TCP/IP and ZigBee protocols.

Compatible wireless sensors send data to the BS909N gateway via a ZigBee network the wireless gateway then sends the data, collected by the sensors, to the designated data center (e.g. server) via Ethernet.



Wireless Gateway		BS909N	
Radio	BeeNet Protocol	Format of Data Packet	IEEE802.15.4
		Radio Frequency	2.4G DSSS, 16 channels available
		Supported Network Topology	Point-to-Point, Star, Line, Tree
		Communication Distance	500m, line of sight
		Real-time Data Transfer Speed	64K bps
		Maximum On-Air Data Transfer Speed	250K bps
		Synchronization Accuracy	1 mS
		Antenna	External antenna
		Ethernet	TCP/IP
Cable Type	Crossed Wire		
Data Speed	Max. 10M		
Packet Protocol	BeeNet Protocol		
Electric Characteristics	Power Supply	12V	
	Power Consumption	2.4W	
	BTS Computer port	Internet LAN	
	Working Temperature	-10 – +60°C	
Mechanical Characteristics	Case	IP66 class water-proof case	
	Power Socket	φ12 water-proof aviation plug	
	Weight	650g	
	Dimension (Length, Width, Height)	215x152x72mm ⁽²⁾	
Software	Standalone version		
Accessories	PC cables, user manual, software installation disc, industrial class DC power cable		