



RS485 Serial / WIFI Bridge

RS485 Modbus RTU wireless communication

- Energy Management
- Machine Efficiency
- Building Management
- Condition Based Monitoring
- Remote Monitoring & Control



- Plug & Play Operation
- Up to 24 Modbus Slaves
- 9-36v DC Supply
- Transparent data network
- 128 Bit Security Encryption



Specifications

	Item	Description	
Wireless parameters	Standard certification	FCC/CE	
	Wireless standard	802.11 b/g/n	
	Frequency range	2.412GHz-2.484GHz	
	Transmitting power	802.11b:	+19dBm(Max.@11Mbps)
		802.11g:	+18dBm(Max.@54Mbps)
		802.11n:	+17dBm(Max.@HT20,MCS7) +17dBm(Max.@HT40,MCS7)
			User can configure power
	Receive sensitivity	802.11b:	-89dBm(@11Mbps)
802.11g:		-81dBm(@54Mbps)	
802.11n:		-73dBm(@HT20,MCS7) -71dBm(@HT40,MCS7)	
Hardware parameters	Data interface	RS485: 300~230.4Kbps	
		485 interface (anti surge, anti thunder, overcurrent protection)	
		Ethernet: 10Mbps/100Mbps	
	Run voltage	DC5~36V	
	Run temp	-40°C ~ 85°C	
	Storage temp	-40°C ~ 125°C	
	Size	109.66*28*64.71mm(L*W*H)	
Software parameters	Wireless network type	Station/AP/AP+Station mode	
	Safety	WPA-PSK/WPA2-PSK	
	Encryption type	TKIP/AES	
	Run mode	Transparent transmission mode, Protocol transmission mode	
	Setting command	AT+ command	
	Net protocol	TCP/UDP/ARP/ICMP/DHCP/DNS/HTTP	
	Max number of connected TCP	24	
	User configure	Web server + AT command configure	
Custom application software	Support custom customize application software		