



WISM - 802.11 Wireless LAN Module Range

	WISM UW	WISM SLIP	WISM TCP/IP MC55	WISM SLIP MC55	WISM+ <small>3009</small>
Application	Host-free WLAN Applications	Applications with Host TCP stack	Host-free WLAN Apps	Applications with Host TCP/IP stack	High Performing Data Throughput
802.11 Support	802.11b/g	802.11b/g	802.11b/g	802.11b/g	802.11b,g
Output Power	+15dBm	+15dBm	+15dBm	+15dBm	+15dBm b,g
Max Data Rate	921 kbps	460 kbps	921 kbps	460 kbps	10Mb continuous streaming
Size (mm)	25 x 35 x 8	25 x 35 x 8	32.5 x 35 x 8	32.5 x 35 x 8	32 x 58.1 x 3.5
Temp Range	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-20°C to +75°C
Connection	40-pin Hirose	40-pin Hirose	50 pin Hirose MC55 Siemens compatible	50-pin Hirose MC55 Siemens compatible	SMT
Antenna	Integrated & u.FL for external antenna	Integrated & u.FL for external antenna	Integrated & u.FL for external antenna	Integrated & u.FL for external antenna	Integrated & u.FL for external antenna
Antenna Diversity	Yes	Yes	Yes	Yes	Yes
Interface Type	UART	UART	UART	UART	SPI, USB, Ethernet (MII), I2C
I/O	8 x GPIO 2 x ADC	None	8 x GPIO 2 x ADC	None	8 x GPIO, 1 x ADC
802.11 Drivers	Integrated	Integrated	Integrated	Integrated	Integrated
Integrated Stack	TCP/IP	SLIP	TCP/IP	SLIP	TCP/IP
Web Server	YES	NO	YES	NO	NO
Command Interface	AT Commands UW Script Web Configuration	Command script	UW Script	Command script	AT Commands API interface
Security	WEP, WPA, WPA2 (Personal & Enterprise)	WEP, WPA (requires external supplicant), WPA2 (Personal & Enterprise)	Open, WEP 64/128, WPA-PSK, TKIP, AES-CCMP, WPA Enterprise & Personal, SSL2/SSL3	WEP 64/128, WPA (requires external supplicant)	WEP, WPA, WPA2 (Personal & Enterprise)
	WISMC01BI	WISMC03BI	WISMC04BI	WISMC02BI	WLM400
					

Internet Connectivity for machines and mobile devices

- ⇒ Designed for robust, industrial use
- ⇒ A full range of embedded WLAN modules for hosted and host-free operation
- ⇒ Proven, Secure and Robust
- ⇒ Integrated drivers and stacks for fastest route to market
- ⇒ Development Kits available for all modules