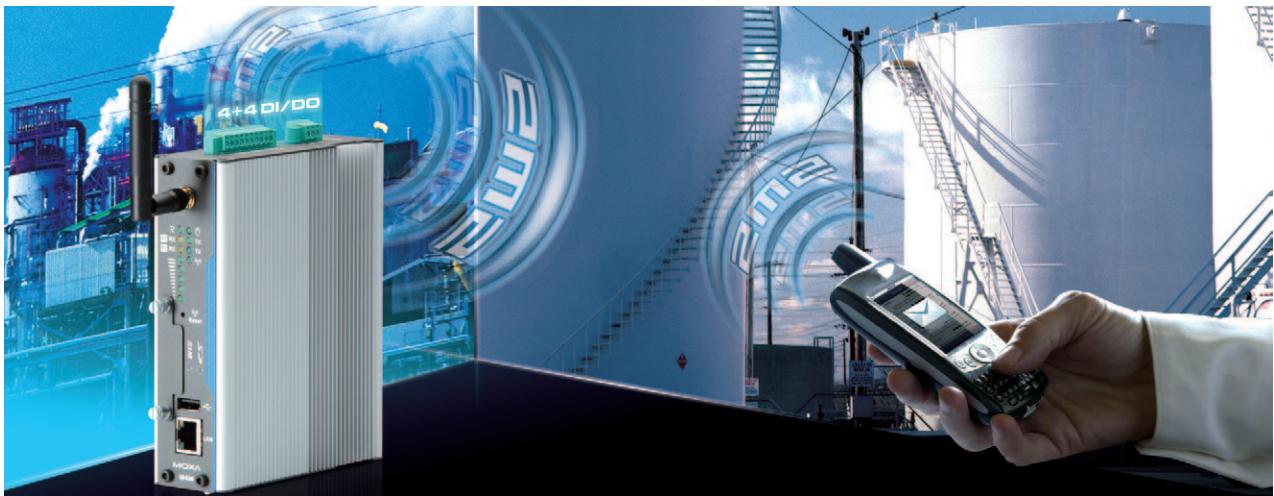


# Wireless Embedded Computers



## WLAN Solution for Short-range Communication

### 802.11a/b/g

The embedded 802.11a/b/g module provides a stable wireless network connection and reliable communication, enabling the wireless computers to be used as control units for short-range communication.

### Dual Network Mode

The W311/W321/W341 embedded computers support Infrastructure Mode and Ad-hoc Mode for added flexibility when constructing a wireless architecture.

### Full Encryption for Data Transmission Security

The WEP, WPA, and WPA2 designs provide safe and reliable wireless communication and data acquisition for remote devices.

### Repeater Function

The W311/W321/W341 computers can be used as a repeater to relay communications from wireless embedded computers, providing a cost-effective solution when building a WLAN architecture for industrial applications.



## Cellular Solution for Long-range Communication

### Quad Band GSM/GPRS/EDGE Service

When used with the embedded GSM/GPRS 900/1800/850/1900 MHz module, the W315A/W325A/W406 computers provide long-range communication that is suitable for industrial applications where wired and wireless LAN services are impossible or extremely costly.

### Stable and Reliable Wireless Communication

Support for GPRS multi-slot Class 10 and GPRS mobile station Class B standards allows these wireless computers to offer quick and reliable wireless communication for any industrial M2M application.

Model Name	Serial Ports	WLAN	Cellular	LAN Ports	DI/DO	Storage		OS	
	RS-232/422/485	802.11 a/b/g	850/900/1800/1900 MHz	10/100 Mbps		SD	USB	Linux	CE
W311	1	✓	-	1	-	-	-	-	-
W321	2	✓	-	1	-	-	-	-	-
W341	4	✓	-	1	1 x Relay Output	-	2	-	-
W315A	1	-	GSM/GPRS	1	-	-	-	-	-
W325A	2	-	GSM/GPRS	1	-	-	-	-	-
W406	2	-	GSM/GPRS/EDGE	1	4 (30 VDC)	-	1	-	-