



Radio modem RS232/WIFI in IP65 box



The ARF42 radio modem is a **RS232/WIFI gateway** enabling two-way half duplex wireless data transmission over **200m**. It uses the **2.45GHz** world band according to the WIFI standard. It integrates a **radio transceiver, a digital processing unit and a wide power supply range** on the same board. It is available in an **IP65 enclosure** ready for approved use. Its integration offers the possibility of reducing R&D costs and eliminating all development risks. It enables **instantaneous cordless connection to a local network via a WIFI access point**, in **tertiary and industrial sectors of activity** such as the automobile industry, office automation, systems automation, industrial control ...

Specifications

RF

• Frequency	2.412 to 2.484GHz
• Radiated RF power	32mW (+15dBm)
• Sensitivity	-82dBm
• Modulation	DSSS
• Data rate	11Mbits/s

Modem interface

• Wired transmission rate	2.4 to 921.6kBps
• Serial ports	TxD, RxD
• Flow control	RTS/CTS
• Configuration	Through software
• Modes	Transparent

WIFI

• Network standard	802.11b
• Security	WEP64, WEP128
• Supported LAN protocols	TCP-IP, DHCP, BOOTP, ICMP

Software configuration

• Operating system	Windows 2000, Windows XP
• Display Resolution	800 x 600min

General informations

• Supply voltage	8 to 30V
• Rated consumption	313mA
• Operating temperature	-20 / +70°C
• Range	200m
• Size	145 x 100 x 40mm
• Packaging	IP65 box
• Standards compliance	EN300-328

Alternative versions

ARF7255B : Radio modem – IP65 box

Your distributor