



APM CO., LTD

ABR-2502 ABR-2510

2.5GHz Wireless Bridge Solution

(Outdoor)



ABR-2502



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Specifications

Standards compliance	IEEE 802.11b
Frequency band	2512 to 2584 MHz
Transmission power	200mW, 1W
Receiver sensitivity*	11 Mbps: 8% PER, -82 dBm (typical)
* Minimum receiver input power level at which a packet error ratio (PER) of less than the indicated percentage can be maintained, given a packet length of 1024 bytes and conditions of 20° to 30° C.	
Antenna type	External high gain antenna
Input Power	Outdoor 200mW Input voltage DC 12V 2A; external power supply included (input voltage 100V to 240V AC) Outdoor 1W Input voltage DC 15V 3A; external power supply included (input voltage 100V to 240V AC)
Data rates	1, 2, 5.5, and 11 Mbps with auto fallback
RF spreading scheme	Direct-sequence spread-spectrum (DSSS)
Encoding and modulation	BPSK, QPSK, and CCK
Security	64-bit / 128-bit Wired Equivalent Privacy (WEP) encryption; MAC Access Control; Administrative Access Control
Software Support	Kick Start Web-based Tool Bridge Auto Learning
Network Management System	Windows 95/98/ME/NT4.0/2000/XP
Environmental requirements	Operating temperature: -30° to +70° C