

# NWE9280 IEEE802.11 a/b/g Wireless Outdoor AP/Client Bridge

## Feature

- ◆ Dual-band Access Point WLAN 2.4GHz 11Mbps and 5GHz band 54Mbps
- ◆ Support IP tunnel, Roaming, MAC Address and Protocol Filtering
- ◆ Support security 802.1x, DHCP
- ◆ Support SNMP, Web and Telnet Management

## Specification

CPU Platform		Hitachi SH-4 240MHz	
Cable LAN	Ethernet standard	IEEE 802.3 (10BASE-T) IEEE 802.3u (100BASE-TX)	
	Data Rate	10/100Mbps	
	Access method	CSMA/CD	
	Communication	Half Duplex and Full Duplex	
	Number of ports	1(10BASE-T/100BASE-TX)	
Wireless LAN	IEEE 802.11a	Transmission	IEEE802.11a OFDM
		Channel	5.2GHz Band : 4ch(34, 38, 42, 46) 5.8GHz Band : 5ch(149, 153, 157, 161, 165)
		Data Rate	54, 48, 36, 24, 18, 12, 9, 6 Mbps (fix/auto operation)
		Access Method	CSMA/CA + ACK (RTS/CTS)
		RF Output Power	17 dBm (Max.)
		Security	WEP(64/128/152Bit) or AES(128Bit)/WSL (original code) together, and MAC address filtering and IEEE802.1x
	IEEE 802.11b	Transmission	IEEE 802.11b, CCK, QPSK, and BPSK
		Channel	13ch(1 13)
		Data Rate	11, 5.5, 2, 1 Mbps (fix/auto operation)
		Access Method	CSMA/CA + ACK (RTS/CTS)
		RF output Power	20 dBm (Max.)
		Security	WEP(64/128/152Bit) or AES(128Bit)/WSL (original code) together, and MAC address filtering and IEEE802.1X
	IEEE 802.11g	Transmission	IEEE 802.11g OFDM
		Channel	13ch(1 13)
		Data Rate	54, 48, 36, 24, 18, 12, 9, 6Mbps(fix/auto operation)
		Access method	CSMA/CA + ACK(RTS/CTS)
		RF output Power	20 dBm (Typical)
		Security	WEP(64/128/152Bit) or AES(128Bit)/WSL (original code) together, and MAC address filtering and IEEE802.1x
Compact Flash Slot		CF TYPE	
Power Consumption		48VDC±10%, 0.2A(Max.)	
Operation Temperature		-20 °C ~ 60 °C	
Software Mounting Protocol		IP(RFC791), ICMP(RFC792), UDP(RFC768), TCP(RFC793,896), ARP(RFC826), HTTPD(RFC1866), TELNET(RFC), FTPD(RFC959), TFTP(RFC783,906), DHCP(RFC2131)	