

WIRELESS NETWORKING SOLUCION PARA ENLACES DE 20 MILLAS (33 KM) CON LINEA DE VISTA MODELO 2012



ANSEL DE MEXICO, FABRICANTE MEXICANO DE HARDWARE PARA REDES & INTERNET, INTRODUCE AL MERCADO SU NUEVA SOLUCION PARA ENLACES WIRELESS DE 54 Mbps DE HASTA 33 KM CON LINEA DE VISTA, COMPLEMENTANDO NUESTRA VASTA LINEA DE SOLUCIONES PARA ENLACES PUNTO A PUNTO, PUNTO A MULTIPUNTO.

CARACTERISTICAS SOBRESALIENTES:

- GABINETE DE ALTO IMPACTO DISEÑADO PARA INTEMPERIE Y CONDICIONES ADVERSAS DE OPERACION.
- HASTA 108 Mbps DE ANCHO DE BANDA
- UNA SOLUCION COMPLETA YA QUE INTEGRA ACCESS POINT/CLIENT BRIDGE / CLIENT ROUTER MULTIFUNCIONAL
- HASTA 27 dBm DE SALIDA.
- POWER-OVER-ETHERNET (IEEE802.3AF)

FUNCIONALIDADES:

WIRELESS

- 5GHZ / 2.4GHZ: ESPECTRO DE FRECUENCIA DE TRABAJO AMPLIA.
- ALTA POTENCIA DE TRANSMISION: PROGRAMABLE DE ACUERDO A LAS NECESIDADES DE CADA USUARIO.
- GRAN ANCHO DE BANDA: HASTA 108MBPS CON SUPER MODE, IDEAL PARA MPEG, VIDEO STREAMING, VOIP.
- FUNCIONES MULTIPLES: ACCESS POINT/CLIENT BRIDGE/CLIENT ROUTER
- CONTROL PARA TRANSMISION DE LARGA DISTANCIA: ACK TIMEOUT

NETWORKING:

- SOLUCION PARA ACCESO A INTERNET WIRELES PUBLICO TALE COMO HOTSPOT Y EMPRESARIALES, EDUCACIONELES, ETC.
- LEDS INDICADORES PARA POTENCIA DE LA SEÑAL QUE FACILITAN LA INSTALACION Y ADECUADA CONFIGUARACION DE LA SOLUCION.

SEGURIDAD:

- 802.11i WEP, WPA, WPA2 (ENCRYPTION SOPORTE PARA TKIP/AES)
- FUNCIONES MAC ADDRESS: MAC ADDRESS FILTER (AP MODE)
- AUTENTICADOR 802.1X IEEE802.1X
 - L2 Isolation, Station Isolation

ADMINISTRACION

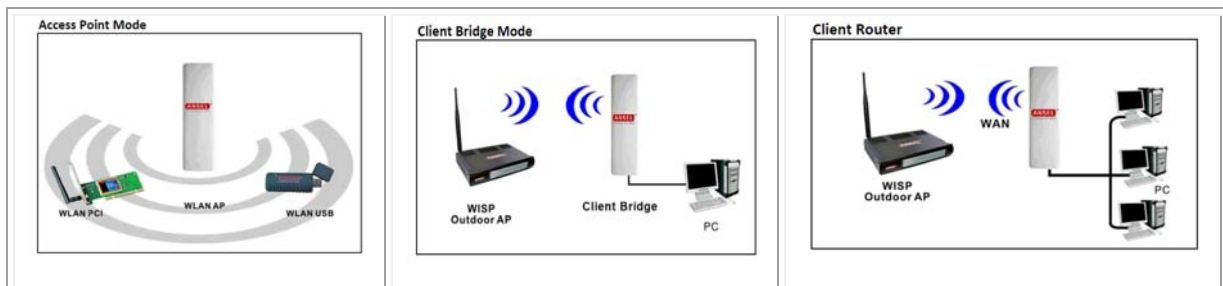
- ACTUALIZACION DE FIRMWARE VIA WEB.
- RESET A VALORES DE FABRICA, CAPACIDAD PARA RESPALDO DE CONFIGURACION.
- MIB MIB I, MIB II(RFC1213),
- SNMP V1, V2c



CONTENIDO DEL PAQUETE:

- 1 UNIDAD DE WIRELESS 802.11A/B/G PARA EXTERIORES MODELO 2012
- 1 UNIDAD DE POE INJECTOR
- 1 UNIDAD DE ADAPTADOR DE CORRIENTE (24V/0.6A)
- 1 UNIDAD DE CD MANUAL DE INSTRUCCIONES PARA INSTALACION & CONFIGURACION
- 1 UNIDAD GUIA RAPIDA DE INSTALACION
- 1 UNIDAD SUJETOR DE METAL
- 1 UNIDAD DE DESARMADOR ESPECIAL

EJEMPLOS DE APLICACION:



Technical Specifications

Hardware Specification	
MCU/RF	Atheros AR2313+AR5112
Memory	32MB SDRAM
Flash	8MB
Physical Interface	One 10/100 Fast Ethernet RJ-45 Reset Button 2 x SMA Connector
LED indicators	Power/ Status LAN (10/100Mbps) WLAN (Wireless is up) 3 x Link Quality (Client Bridge mode) <ul style="list-style-type: none"> • Green: Good Quality • Yellow: Marginally Acceptable Quality • Red: Bad Quality
Power Requirements	Active Ethernet (Power over Ethernet) Proprietary PoE design Power Adapter 24V / 0.6A DC
Regulation Certifications	FCC Part 15C/15B, EN 300 328/EN 301 489-1/-17

RF Specification				
Frequency Band	802.11a = 5.150~5.350GHz, 5.470~5.725GHz, 5.725~5.825GHz 802.11b/g = 2.412~2.472GHz			
Modulation Technology	OFDM = BPSK, QPSK, 16-QAM, 64-QAM DSSS = DBPSK, DQPSK, CCK			
Operating Channels	802.11a = See the Table1 802.11b/g = 11 for North America, 14 for Japan, 13 for Europe			
Receive Sensitivity (Typical)	802.11a -88dBm @ 6Mbps, -70dBm @ 54Mbps	802.11g -92 dBm @ 6Mbps, -75 dBm @ 54Mbps	802.11b -93 dBm @ 1Mbps -91 dBm @ 11Mbps	
Available transmit power (Average power)	FCC		ETSI	
	Frequency	Power	Frequency	Power
	5.150~5.350 GHz IEEE802.11a	27dBm@6~24Mbps 25dBm@36Mbps 24dBm@48Mbps 23dBm@54Mbps	5.150~5.350 GHz IEEE802.11a	27dBm@6~24Mbps 25dBm@36Mbps 24dBm@48Mbps 23dBm@54Mbps
	5.470~5.725 GHz IEEE802.11a	27dBm@6~24Mbps 25dBm@36Mbps 24dBm@48Mbps	5.470~5.725 GHz IEEE802.11a	27dBm@6~24Mbps 25dBm@36Mbps 24dBm@48Mbps

		23dBm@54Mbps		23dBm@54Mbps
5.725~5.825 GHz IEEE802.11a	27dBm@6~24Mbps 25dBm@36Mbps 24dBm@48Mbps 23dBm@54Mbps	5.725~5.825 GHz IEEE802.11a	27dBm@6~24Mbps 25dBm@36Mbps 24dBm@48Mbps 23dBm@54Mbps	
2.412~2.462 GHz IEEE802.11g	27dBm@6~24Mbps 25dBm@36Mbps 24dBm@48Mbps 23dBm@54Mbps	2.412~2.472 GHz IEEE802.11g	27dBm@6~24Mbps 25dBm@36Mbps 24dBm@48Mbps 23dBm@54Mbps	
2.412~2.462 GHz IEEE802.11b	28dBm@1~11Mbps	2.412~2.472 GHz IEEE802.11b	28dBm@1~11Mbps	
Tolerance	±1dBm	Tolerance	±1dBm	
Internal Antenna	1 x 5dBi 2.4GHz Panel Antenna + 1 x 13dBi 5GHz Panel Antenna			
External Antenna	2 x SMA connector (for 2.4GHz and 5GHz individually)			

Software Features	
General	
Topology	Infrastructure
Protocol / Standard	IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.11b/g (2.4GHz WLAN)
Operation Mode	802.11 a/b/g Access Point Client Bridge Client Router
LAN	DHCP Server DHCP Client
VPN	VPN – pass through
Wireless	Channel Selection (Setting varies by countries) Transmission Rate 11 b/g : 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1 Mbps Long distance transmission : 1km to 30km (Ack timeout) Transmit power table Signal Strength indication using LEDs PPPoE(CR mode)
Security	WEP Encryption-64/128/152 bit WPA/WPA2 Personal (WPA-PSK using TKIP or AES) WPA/WPA2 Enterprise (WPA-EAP using TKIP) 802.1x Authenticator Hide SSID in beacons

	MAC address filtering, up to 50 field L2 isolation(AP mode) Wireless STA (Client) connected list
QoS	WMM
Management	
Configuration	Web-based configuration (HTTP)
Firmware Upgrade	- Upgrade firmware via web-browser - Keep latest setting when f/w update
Administrator Setting	Administrator password change
Reset Setting	- Reboot (Press 1 second) - Reset to Factory Default (Press 5 seconds)
System monitoring	Status, Event Log
SNMP	V1, V2c
MIB	MIB I, MIB II (RFC1213) and Private MIB
Backup & Restore	Settings through Web
Time setting	NTP (Auto-setting of time) Time setting manually

Environment & Mechanical

Temperature Range	Operating -20°C~70°C Storage -30°C to 80°C
Humidity (non-condensing)	0%~90% typical
Dimensions	260mm (L) x 84mm (W) x 55mm (H)
Weight	300g

Garantía: 3 años contra defectos de fabricación.