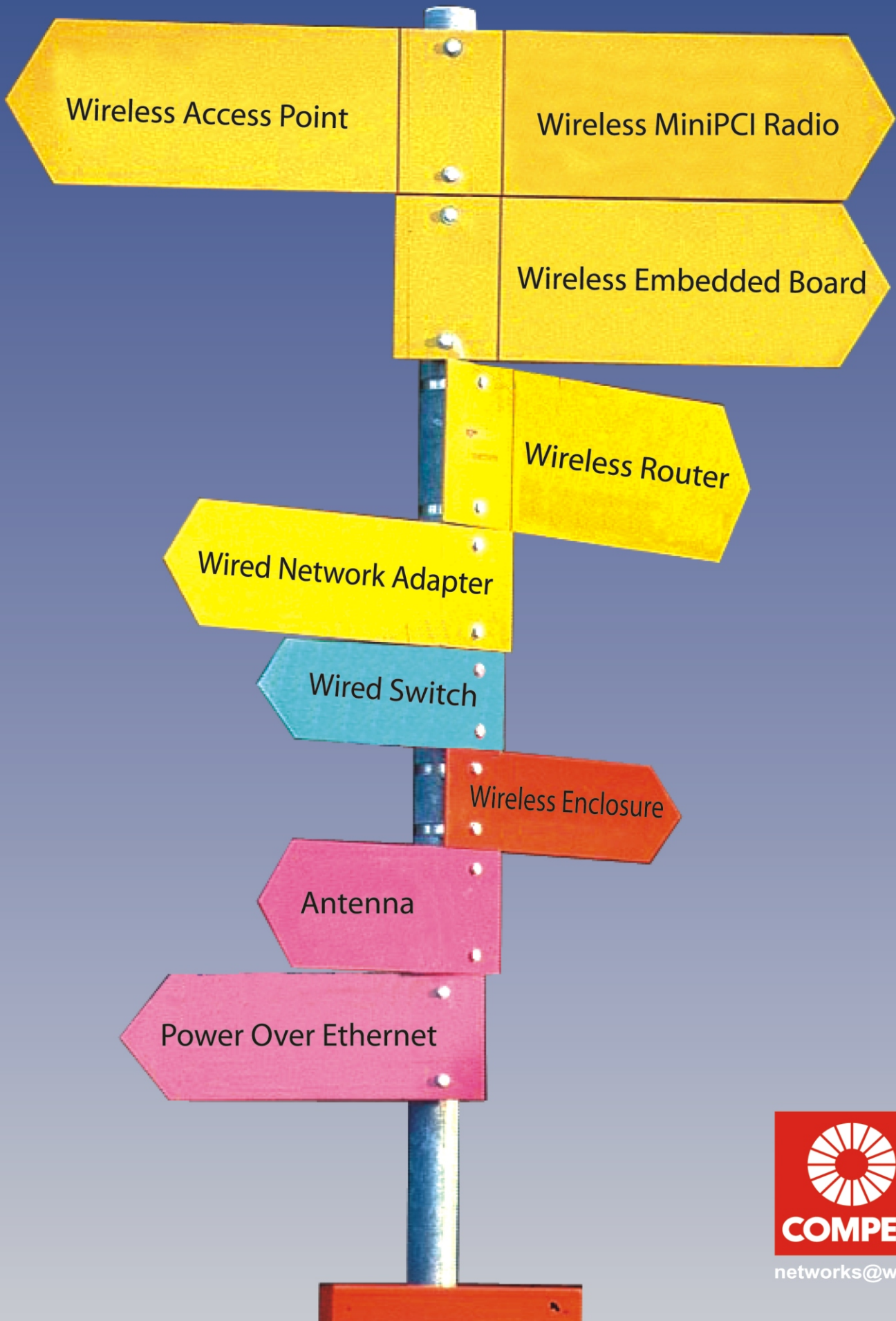




Accessories

Power over Ethernet

Complex PoE+ (Active)

Model: PoE+ 6A4825



- ◆ 6A4825 is standard PoE (IEEE802.3af) (48V/25W)
- ◆ Advanced Auto-Sensing Algorithm
- ◆ Short Circuit Protection
- ◆ Supports both 10Mbps and 100Mbps
- ◆ Advanced Auto-Sensing Algorithm
- ◆ Auto-disconnection for over voltage or under voltage
- ◆ 1x Data-in RJ45 ethernet port
- ◆ 1x Data&Power-out RJ45 ethernet port
- ◆ PoE+ 6A is supplied with 30W power supply

Complex PoE+ (Passive)

Model: PoE+ 6P4830 / 6P2412



- ◆ 6P4830 is High Power passive PoE (48V/30W)
- ◆ 6P2412 is High Power passive PoE (24V/12W)
- ◆ Remote data and power source
- ◆ Supports both 10Mbps and 100Mbps
- ◆ 1x Data-in RJ45 ethernet port
- ◆ 1x Data&Power-out RJ45 ethernet port
- ◆ PoE+ 6P2412/6P4830 is supplied with power supply(12W/30W)

Enclosure

Outdoor Enclosure I/O Integrated Antenna

Model: WPMA-2.4G14

WPMA-5G17

WPM-RJ45CG



- ◆ Aluminium
- ◆ IP66
- ◆ Pole Mount or Wall Mount
- ◆ 4 X N-Type Connector (Optional) **
- ◆ 1 X M12 Hole With Membrane Vent (Optional) **
- ◆ 260mmX 251mm X 143mm (Including Integrated Antenna)
- ◆ 210mm X 130mm X 48mm
- ◆ IP67 Water-Proof RJ45 Cable Gland
- ◆ 2.0 Kg
- ◆ Optional:
17dBi 'A-Band' Directional
14dBi 'G-Band' Directional

Configurations Accessories:

CODES	DEFAULT/OPTIONAL	DESCRIPTION
WPMA-24G14	-	WPMA Enclosure (IP66) with 14dBi 'G' Band Antenna
WPMA-5G17	-	WPMA Enclosure (IP66) with 17dBi 'A' Band Antenna
WPM-RJ45-CON	Default	RJ45 Cable (IP67)

Features	Illustrations
Enclosure	
Weather-Proof Casing (IP66)	
Water-Proof Cable Gland for RJ45 Interface (IP 67)	
N-Type Connectors for External Antenna (Optional)	
Option: Antenna	
Integrated 17 dBi 'A-Band' Antenna OR Integrated 14 dBi 'G-Band' Antenna	

Outdoor Solution

Model: WPMN-2.4G14

WPMN-5G16

WPMN-RJ45CG



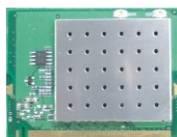
- ◆ Plastic
- ◆ IP66
- ◆ Pole Mount
- ◆ 1 X N-Typer Connector(Up to max 5)
- ◆ 257mm*257mm*86mm
- ◆ IP67 Water-Proof RJ45 Cable Gland
- ◆ 1.0kg
- ◆ Optional:
16dBi'A-Band'Dual Polarization Antenna
14dBi'G-Band'Dual Polarization Antenna

Configurations Accessories:

CODES	DEFAULT/OPTIONAL	DESCRIPTION
WPMN-2.4G14	-	WPMN Enclosure (IP66) with 14dBi 'G' Band Antenna
WPMN-5G16	-	WPMN Enclosure (IP66) with 16dBi 'A' Band Antenna
WPMN-RJ45CN	Default	RJ45 Cable (IP67)

Features	Illustrations
Weather-Proof Casing (IP66)	
N-Type Connectors RJ45 Waterproof (IP67)	
Integrated 16 dBi 'A-Band' Antenna OR Integrated 14 dBi 'G-Band' Antenna	

Wireless Mini-PCI (802.11b/g,a/b/g)



- ◆ IEEE 802.11b/g (2.4GHz)
- ◆ Up to 20 dBm output power
- ◆ AR2413 / 2414 Atheros Chipset
- ◆ Speed up to 108Mbps
- ◆ Atheros eXtended Range (XR)



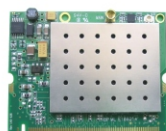
- ◆ IEEE 802.11a/b/g (2.4/5GHz)
- ◆ AR5413 / 5414 Atheros Chipset
- ◆ Speed up to 108Mbps
- ◆ Atheros eXtended Range (XR)



- ◆ AR9223 atheros chipset 2.4 GHz IEEE draft 802.11n/b/g standard
- ◆ WLM200N2 output Power of up to 20 dBm @n/b/g Band
- ◆ Support for up to 2x2 MIMO with spatial multiplexing
- ◆ Enables bandwidth of up to 300 Mbps PHY / link rate



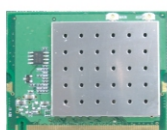
- ◆ IEEE 802.11b/g (2.4GHz)
- ◆ Up to 26 dBm output power
- ◆ AR2413 / 2414 Atheros Chipset
- ◆ Speed up to 108Mbps
- ◆ Atheros eXtended Range (XR)



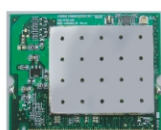
- ◆ IEEE 802.11a (5GHz)
- ◆ AR5414 Atheros Chipset
- ◆ 26 dBm in A-band
- ◆ Speed up to 108Mbps
- ◆ Atheros eXtended Range (XR)



- ◆ AR9220 atheros chipset
2.4/5GHz IEEE draft 802.11
n/a/ b/g standard
- ◆ WLM200NX output Power of
up to 20 dBm @n/a/ b/g Band
- ◆ Support for up to 2x2 MIMO
with spatial multiplexing
- ◆ Enables bandwidth of up to
300 Mbps PHY / link rate



- ◆ IEEE 802.11b/g (2.4GHz)
- ◆ Up to 23 dBm output power
- ◆ AR2413 / 2414 Atheros Chipset
- ◆ Speed up to 108Mbps
- ◆ Atheros eXtended Range (XR)



- ◆ IEEE 802.11a/b/g (2.4/5GHz)
- ◆ AR5413 / 5414 Atheros Chipset
- ◆ 23 dBm in A-band
- ◆ Speed up to 108Mbps
- ◆ Atheros eXtended Range (XR)



- ◆ AR9223 atheros chipset 2.4GHz IEEE draft 802.11n/g standard
- ◆ WLM200N2-26 output Power of up to 26 dBm @n/b/g Band
- ◆ Support for up to 2x2 MIMO with spatial multiplexing
- ◆ Enables bandwidth of up to 300 Mbps PHY / link rate



- ◆ IEEE 802.11b/g (2.4GHz)
- ◆ Up to 28 dBm output power
- ◆ AR2413 / 2414 Atheros Chipset
- ◆ Speed up to 108Mbps
- ◆ Atheros eXtended Range (XR)



- ◆ AR9220 atheros chipset 5GHz IEEE draft 802.11n/a standard
- ◆ WLM200N5-24 output Power of up to 24 dBm @n/a Band
- ◆ Support for up to 2x2 MIMO with spatial multiplexing
- ◆ Enables bandwidth of up to 300 Mbps PHY / link rate

b / g (2.4GHz)					b / g / n (2.4GHz)		a / b / g (2.4/5GHz)			a / b / g / n (2.4 / 5GHz)	
MODEL	WLM 54G-20dBm	WLM 54G-23dBm	WLM 54G-26dBm	WLM 54G-28dBm	WLM200N2	WLM200N2-26dBm	WLM 54AG-20dBm	WLM 54AG-23dBm	WLM 54A-26dBm	WLM200NX	WLM200N5-24dBm
CHIPSET	AR 2413/2414 (AR5005G/GS)	AR 2413/2414 (AR5005G/GS)	AR 2413/2414 (AR5005G/GS)	AR 2413/2414 (AR5005G/GS)	AR9223	AR9223	AR 5413/5414 (AR5006X/XS)	AR 5413/5414 (AR5006X/XS)	AR5414(AR5006XS)	AR9220	AR9220
SPEED	UP TO 54/108Mbps	UP TO 54/108Mbps	UP TO 54/108Mbps	UP TO 54/108Mbps	Up to 300Mbps	Up to 300Mbps	UP TO 54/108Mbps	UP TO 54/108Mbps	Up to 108Mbps	Up to 300Mbps	Up to 300Mbps
OUTPUT POWER (Average)											
802.11a	---	---	---	---	---	---	20dBm@6Mbps	23dBm@6Mbps	26dBm@6Mbps	21.5dBm@6Mbps	24dBm@6-24Mbps
							17dBm@36Mbps	21dBm@36Mbps	24dBm@36Mbps	20.5dBm@36Mbps	24dBm@36Mbps
							16dBm@48Mbps	19dBm@48Mbps	22dBm@48Mbps	19.5dBm@48Mbps	23dBm@48Mbps
							13dBm@54Mbps	17dBm@54Mbps	20dBm@54Mbps	17.5dBm@54Mbps	17dBm@54Mbps
802.11b	20dBm@1-11Mbps	23dBm@1-11Mbps	26dBm@1-11Mbps	28dBm@1-11Mbps	23.5dBm@1-11Mbps	26dBm@1-11Mbps	20dBm@1-11Mbps	23dBm@1-11Mbps		23.5dBm@1-11Mbps	
802.11g	20dBm@6-24Mbps	23dBm@6-24Mbps	26dBm@6-24Mbps	28dBm@6-24Mbps	21.5dBm@6-36Mbps	24dBm@6-36Mbps	20dBm@6-24Mbps	23dBm@6-24Mbps		21.5dBm@6-36Mbps	
	19dBm@36Mbps	22dBm@36Mbps	25dBm@36Mbps	27dBm@36Mbps	20.5dBm@48Mbps	23dBm@48Mbps	18dBm@36Mbps	21dBm@36Mbps		20.5dBm@48Mbps	
	17dBm@48Mbps	19dBm@48Mbps	24dBm@48Mbps	26dBm@48Mbps	17.5dBm@54Mbps	20dBm@54Mbps	17dBm@48Mbps	19dBm@48Mbps		17.5dBm@54Mbps	
	16dBm@54Mbps	17dBm@54Mbps	22dBm@54Mbps	25dBm@54Mbps			15dBm@54Mbps	17dBm@54Mbps			
Modulation Techniques:	OFDM and DSSS OFDM: BPSK, QPSK, 16QAM, 64QAM DSSS: DBPSK, DQPSK, CCK										
Interface:	PCI Interface v2.3 (Type III-B Mini PCI Form Factor)										
Receiver Sensitivity:	802.11g < -90dBm @ 6Mbps < -70dBm @ 54Mbps 802.11b < -92dBm@ 6Mbps < -87dBm @11Mbps 802.11a < -90dBm @ 6Mbps < -70dBm @ 54Mbps										
Connector:	2 * U.F.L		1 * U.F.L 1 * MMCX		2 * U.F.L	2 * MMCX	2 * U.F.L		1 * U.F.L 1 * MMCX	2 * U.F.L	2 * MMCX
Power:	3.3VDC										
Operating Temperature:	-20°C to 70°C										
Dimensions:	6.0cm x 4.5cm High Power Cards (26dBm / 28dBm) has bigger dimensions.										

Wireless Embedded Board

Multi-Slot					Single-Slot	
Feature	WP543	WP188	NP18B	WP1883	WP54	WPE53 LV /HV
Image						
CPU	AR7130@300MHz	IXP422 @266MHz IXP425 @533MHz	IXP422 @266MHz IXP425 @533MHz	AR7141@400MHz AR7161@600MHz	ADM5120@175Mhz	AR2317 @ 180MHz AR2318 @ 180MHz
General Usage	CPE	High Performance AP	High Performance AP / Router	High Performance AP	CPE	CPE
System Memory	32MB (128MB max)	32 MB (256MB max)	32 MB (128MB max)	32MB (128MB max)	16 MB (32MB max)	16 MB (64MB max)
Flash	4MB(16MB max) Optional:32MB(Nand)	8MB (32MB max)	4MB (32MB max)	4MB(16MB max) Optional:32MB(Nand)	4MB (4MB max)	4MB (16MB max)
Integrated Radio	2.4GHz b/g Radio (Optional)	No	No	2.4GHz b/g Radio (Optional)	No	2.4GHz b/g Radio
Slot	1 or 2 Mini PCI	4 Mini PCI and 1 SD Slot	2 Mini PCI and 1 SD Slot	3 Mini PCI and 1 SD Slot	1 Mini PCI	SOC
10/100 Ethernet Port	1	2	5	2	2	1
Serial Ports	1	1	1	1	1	1
Push Button Reset	Yes	Yes	Yes	Yes	Yes	Yes
PoE	Yes	Yes	No	Yes	Yes	No
USB Device Interface	Optional	No	Yes (2 X)	No	No	No
Power	Addons	MiniPCI: 20dB - 1.8W 23dB - 2.5W 26dB - 5W 30dB - 7.5W USB: 2.5W	MiniPCI: 20dB - 1.8W 23dB - 2.5W 26dB - 5W 30dB - 7.5W USB: 2.5W	MiniPCI: 20dB - 1.8W 23dB - 2.5W 26dB - 5W 30dB - 7.5W USB: 2.5W	MiniPCI: 20dB - 1.8W 23dB - 2.5W 26dB - 5W 30dB - 7.5W	-
	Board Only	5W	5W	5W	5W	5W
	Available to MiniPCI Card Slots	10W(input 12V) 10W(input 24V)	20W(input 48V)	10W(input 5V)	15W(input 12V) 15W(input 48V)	6.5W(input 24V) 10W(input 48V)
DC Input Voltage	12-48V/DC	24-48V/DC	5V/DC	12-48V/DC	12-48V/DC	LV : 9V/DC , HV : 24V/DC
Operating Temperature	-20°C-55°C	-20°C - 55°C	0°C - 55°C	-20°C - 55°C	-20°C - 70°C	-20°C - 70°C
JTAG Debug Interface	Yes	Yes	Yes	Yes	Yes	Yes* Requires Special Header
Software	Compex,Open-WRT	Compex,Open-WRT Redboot-Snapgear DD-WRT,RoamAD, Star OS	Compex	Compex	Compex,Open-WRT IkarusOS Wilibox Star OS	Compex
Watchdog Timer	Yes	Yes	Yes	Yes	No	No
Board Size (mm)	132 x 130 x 1.6	180 x 126 x 2	166.4 x 126 x 1.6	180 x 126 x 2	132 x 130 x 1.6	97 x 57 x 1
Related Add On Product	WPMA Casing(14dB) WPMA Casing(17dB) WPM Casing POE+6P2412 POE+6P4830, WPMN	WPMA Casing(14dB) WPMA Casing(17dB) WPM Casing POE+6P4830	--	WPMA Casing(14dB) WPMA Casing(17dB) WPM Casing POE+6P4830	WPMA Casing(14dB) WPMA Casing(17dB) WPM Casing POE+6P2412 POE+6P4830	--
Development Kits	JTAG Programmer Serial Converter PoE+ Injector + Power Supply	JTAG Programmer Serial Converter PoE+ Injector + Power Supply	JTAG Programmer Serial Converter DC Supply	JTAG Programmer Serial Converter PoE+ Injector + Power Supply	JTAG Programmer Serial Converter PoE+ Injector + Power Supply	JTAG Programmer Serial Converter DC Supply

Wireless Package Product

Wireless Access Point (b/g 2.4GHz, a/b/g 2.4/5GHz)

Access Point G/AG with Integrated PoE Model: WP54G / WP54AG



- ◆ Infineon ADM5120 Processor Operating at 175MHz
- ◆ 16MB SDRAM (Up to 32MB SDRAM), Up to 4MB Flash
- ◆ Compatible with IEEE 802.11b/g (2.4GHz) & IEEE802.11a (5GHz)
- ◆ Support up to 7 operational modes
- ◆ Integrated PoE (Power over Ethernet) feature
- ◆ Multiple SSID support up to 4 Virtual AP
- ◆ 1x 2dBi Detachable SMA antenna
- ◆ Surge arrestor for overvoltage protection (upon request)

Outdoor Access Point G/AG with Integrated Antenna/PoE Model: WPP54G / WPP54A



- ◆ Infineon ADM5120 Processor Operating at 175MHz
- ◆ 16MB SDRAM (Up to 32MB SDRAM), Up to 4MB Flash
- ◆ Compatible with IEEE 802.11b/g (2.4GHz) & IEEE802.11a (5GHz)
- ◆ Support up to 7 operational modes
- ◆ Integrated PoE (Power over Ethernet) feature
- ◆ Outdoor casing IP55
- ◆ Multiple SSID support up to 4 Virtual AP
- ◆ Build-in Dual Polarization Antenna:
 - 1x 12dBi (5GHz) antenna (WPP54A7C)
 - 1x 9dBi(2.4GHz) antenna (WPP54G7C)

WIRELESS 54 Mbps XR™ ACCESS POINT Model: WPE53G-LV or HV



- ◆ Atheros AR2317 / AR2318 (Super G) @ 180MHz
- ◆ 16MB SDRAM (Up to 64MB Max.) , 4MB Flash (Up to 16MB Max.)
- ◆ User LED and Push-button Reset
- ◆ LV : 9V DC Input Voltage, 12V to 15V Passive PoE
- ◆ HV: 24V DC Input Voltage, 24V to 48V Passive PoE

Outdoor Access Point with Integrated PoE Model: WPM+WP54+G/AG Radio



WPM+WP543+G/AG Radio
WPM+WP188-266+G/AG Radio
WPM+WP188-533+G/AG Radio
WPM+WP1883+G/AG Radio

- ◆ Compatible with IEEE 802.11b/g (2.4GHz) & IEEE802.11a (5GHz)
- ◆ IP67 Water-Proof RJ45 Cable Gland
- ◆ Integrated standard PoE (Power over Ethernet) feature
- ◆ Outdoor casing IP66
- ◆ 1x N-type connector for external antenna connection
- ◆ Swiveling bracket for antenna alignment

Outdoor Access Point with integrated antenna/PoE Model: WPMA(14dBi,2.4G)+WP54+G Radio



WPMA(14dBi,2.4G)+WP543+G Radio
WPMA(17dBi,5G)+WP54+AG Radio
WPMA(17dBi,5G)+WP543+AG Radio
WPMA(17dBi,5G)+WP188-266+AG Radio
WPMA(17dBi,5G)+WP188-533+AG Radio
WPMA(17dBi,5G)+WP1883+AG Radio

- ◆ Compatible with IEEE 802.11b/g (2.4GHz) & IEEE802.11a (5GHz)
- ◆ IP67 Water-Proof RJ45 Cable Gland
- ◆ Integrated 14dBi or 17dBi outdoor panel antenna
- ◆ Integrated standard PoE (Power over Ethernet) feature
- ◆ Outdoor casing IP66

Configuration Matrix

Model	Chipset	LAN Port	WAN Port	Integrated PoE	Mini-PCI Slot	Antenna	USB	Type of Mini PCI
WP54	ADM5120	1	1	Y	1	SMA	-	b/g or a/b/g
WPP54	ADM5120	2	-	Y	1	SMA	-	b/g or a/b/g
WP543	AR7130	1	-	Y	1/2	SMA	1	b/g & n/a/b/g
WPM54	ADM5120	2	-	Y	1	N-type	-	b/g or a/b/g
WPMA54	ADM5120	2	-	Y	1	17dBi	-	b/g or a/b/g
WPM188	IXP422/425	2	-	Y	4	N-type	-	b/g & a/b/g
WPMA188	IXP422/425	2	-	Y	4	17dBi, N	-	b/g & a/b/g
WPM543	AR7130	1	-	Y	1/2	N-type	-	b/g or n/a/b/g
WPMA543	AR7130	1	-	Y	1/2	N-type	-	b/g or n/a/b/g
WP1883	AR7141/7161	1	-	Y	3	14dBi,17dBi	-	b/g & n/a/b/g
WPMA1883	AR7141/7161	1	-	Y	3	14dBi,17dBi,N	-	b/g & n/a/b/g
WPE53G	AR2317	1	-	Y	SOC	SMA	-	b/g

Firmware Features:

- 1: Build-in DHCP server
- 2: HTTP / HTTPS web server
- 3: Telnet / Secure Shell (SSH)
- 4: SNMP V2c
- 5: Remote upgrade Firmware
- 6: Parallel Broadband (available in routing mode)
- 7: Transmission Rate Control
- 8: Transmission Power Control (one dB per step)
- 9: Preferred AP list
- 10: Closed System (suppress SSID)
- 11: Detailed Statistics per Client.
- 12: Event Logging (Syslog)
- 13: Station Isolation, Pseudo VLAN, TAG VLAN. NAT
- 14: MAC address Filtering
- 15: 64/128 bit WEP and WPA-EAP/WPA-PSK, WPA2
- 16: IEEE 802.1x authentication

Wireless Operating Modes:

Single SSID: Access Point, Client mode, Gateway, Wireless Routing Client, Wireless Adapter, Point-to-Point, Point-to-MultiPoint
Multi-SSID: Access Point, Client mode, Gateway, Wireless Routing Client, Wireless Adapter, Transparent Client, Repeater

Wireless Package Product-(Continue)

Wireless Router (b/g,2.4GHz)

Managed G 54Mbps Router Model: NP 25G



- ◆ Atheros AR2317 @ 180MHz
Atheros AR2318 @ 180MHz for Super G Solution
- ◆ 16MB SDRAM (Up to 64MB Max.)
- ◆ 4MB Flash (Up to 16MB Max.)
- ◆ 4 x 10/100 Base-TX Ethernet Ports (with Auto MDI/MDIX)
1 X 10/100 Base-TX Ethernet Ports For WAN connection
- ◆ User LED , Push-button Reset, WSC (Wireless Simple Config)
- ◆ 9V DC Input Voltage
- ◆ -20oC to 70oC
- ◆ 97mm x 57mm x 1mm

Dualband Internet Router with USB Ports Model: NP18B



- ◆ Intel IXP422@266MHz / IXP425@533MHz
- ◆ 32MB SDRAM (Up to 128MB SDRAM), 4MB SDRAM (Up to 32MB Flash),
- ◆ Compatible with IEEE 802.11b/g (2.4GHz) & IEEE 802.11a (5GHz),
- ◆ 2 MiniPCI slots can support two Radio cards working simultaneously
- ◆ Multiple SSID support up to 4 Virtual AP for each radio card
- ◆ 2x 3dBi Detachable SMA antenna (b/g & a/b/g)
- ◆ Integrated 2 USB 2.0 Ports allows you to connect USB devices

Wireless Hotspot Solution

Wireless Super-G Broadband Internet Router



- ◆ Printing of unique access key for individual user.
- ◆ No complicated billing process, credit card authorization or user-registration
- ◆ User-friendly administrator's page allows the shop owner to keep track of traffic flow and the usage duration for easy management of the Hotspot establishment
- ◆ Static Address Translation (SAT), Universal Plug & Play (UPnP), Proxy redirection and DNS redirection features allows any user to connect to the internet without having to alter any connection settings.
- ◆ SMTP redirection feature allows any networkable computer to access their normal emails without having to change any email configurations
- ◆ Walled-Garden allows users without billing access to surf specific sites
- ◆ Login / Logout page with countdown timer for users to keep track of their remaining access duration
- ◆ URL Filtering block users from accessing unauthorized websites
- ◆ Customizable Splash Page to insert Company Logo
- ◆ Multiple User Account Creation
- ◆ Auto-Generation of Billing Summary
- ◆ Supports up to 300 User Account
- ◆ IPASS support available soon
- ◆ Free Firmware Upgrade from Compex website
- ◆ 4 modes of access
 - Hotspot Billing Access
 - Radius Server Authentication
 - "Terms & Conditions" Access
 - Free Access

Wireless Network Adapter

Wireless 108Mbps Super-AG USB Adapter Model: WLU108AG-MC



- ◆ IEEE 802.11a/b/g (2.4GHz or 5GHz)
- ◆ Super-G, Super-AG, Speed up to 108Mbps
- ◆ Support Atheros eXtended Range (XR) technology
- ◆ WMM (QoS) support
- ◆ USB 2.0 Plug & Play
- ◆ Support 64/128 bit WEP & WPA security
- ◆ WLU108AG with MC connector for external antenna connection

Wireless G/AG PCI-Adapter

Model: WLP54G/Super-G / AG/SuperAG (Available in 20,23,26dBm)



- ◆ IEEE 802.11a/b/g (2.4GHz or 5GHz)
- ◆ Super-G, Super-AG, Speed up to 108Mbps
- ◆ Support Atheros eXtended Range (XR) technology
- ◆ 64/128 bits Wired Equivalent Privacy (WEP)

ADSL Modem

ADSL 2/2+ Ethernet Modem / Router Model: MRL 21E



- ◆ Supports high-speed ADSL, ADSL2 and ADSL2+ over existing copper lines. With speeds of up to 12Mbps (ADSL2) or 24Mbps (ADSL2+)
- ◆ Higher data transfer rates and better bandwidth than traditional ADSL enabled gateways.
- ◆ UPnP (Universal Plug-and-Play) feature
- ◆ Web-based interface to manage the router locally or remotely.
- ◆ Integrated DHCP Server

ADSL 2 / 2+ 11g Wireless Access Gateway Model: WRL254G



- ◆ ADSL/ADSL2/ADSL2+ supported
- ◆ IEEE 802.11g 54Mbps high speed wireless access
- ◆ All Digital Loop ADSL supported
- ◆ Web-based interface to manage the router locally or remotely.
- ◆ Integrated DHCP Server
- ◆ Ethernet supported for LAN connection
- ◆ Comprehensive Firewall & Security Function
- ◆ UPnP NAT Traversal & Device Identification supported
- ◆ Cost-effective sharing of a single DSL connection
- ◆ All-in-one wireless functionality provides the convenience and flexibility that every user needs

Configuration Matrix

Model	Chipset	LAN Port	WAN Port	Integrated PoE	Mini-PCI Slot	Antenna	USB	Type of Mini PCI
NP25G	AR2317/2318	4	1	-	SOC	SMA	-	b/g or a/b/g
NP18B	IXP422/425	4	1	-	2	SMA	2	b/g or a/b/g

Wireless Operating Modes:

Single SSID: Access Point, Client mode, Gateway, Wireless Routing Client, Wireless Adapter, Point-to-Point, Point-to-MultiPoint
Multi-SSID: Access Point, Client mode, Gateway, Wireless Routing Client, Wireless Adapter, Transparent Client, Repeater

Firmware Features:

- 1: Build-in DHCP server
- 2: HTTP / HTTPS web server
- 3: Telnet / Secure Shell (SSH)
- 4: SNMP V2c
- 5: Remote upgrade Firmware
- 6: Parallel Broadband (available in routing mode)
- 7: Transmission Rate Control
- 8: Transmission Power Control (one dB per step)
- 9: Preferred AP list
- 10: Closed System (suppress SSID)
- 11: Detailed Statistics per Client.
- 12: Event Logging (Syslog)
- 13: Station Isolation, Pseudo VLAN, TAG VLAN, NAT
- 14: MAC address Filtering
- 15: 64/128 bit WEP and WPA-EAP/WPA-PSK, WPA2
- 16: IEEE 802.1x authentication

Wired Switch & Adapter

Web-Managed / Smart

24-Port 10/100Mbps + 1-Expansion Slot
(2 Optional Gigabit Module Support) Smart Switch
Model: SXP1224B



- ◆ 24 x 10/100Mbps Fast Ethernet ports
- ◆ 1 x Expansion slot supporting 2 copper or fiber modules for Gigabit connectivity
- ◆ Port-based VLAN
- ◆ Port trunking for link redundancy and bandwidth aggregation
- ◆ Broadcast storm filtering
- ◆ Console Management, Rack mountable

24-Port 10/100Mbps + 1-Expansion Slot
Smart Switch
Model: SAS2224B



- ◆ 24 x 10/100Mbps Fast Ethernet ports
- ◆ 1x Expansion slot supporting fiber connectivity
- ◆ Port trunking for link redundancy and bandwidth aggregation
- ◆ Port-based VLAN, Priority Queuing.
- ◆ Broadcast storm filtering control
- ◆ Rack Mountable

Unmanaged

24/16 Port 10/100Mbps Unmanaged Switch
Model: SDS1224 / SDS1216



- ◆ 24/16 x 10/100Mbps Fast Ethernet ports
- ◆ 4k MAC Address table
- ◆ Auto MDI/MDI-X detection
- ◆ Comprehensive diagnostic LEDs for link status and activity

Fast Ethernet Pocket Switch
Model: PS2208 / PS2216



- ◆ 8/16 x 10/100Mbps Fast Ethernet ports
- ◆ Auto-MDI/MDI-X, auto-negotiation and auto-sense link speed & duplex on all ports
- ◆ Supports up to 16port-based VLANs (for PS2216)
- ◆ Port trunking (for PS2216)
- ◆ Port-based network traffic prioritization (for PS2216)

Fast Ethernet Pocket Switch with Surge Protection
Model: PS2208B-SS



- ◆ 8 x 10/100Mbps Fast Ethernet ports
- ◆ Auto-MDI/MDI-X, auto-negotiation and auto-sense link speed & duplex on all ports
- ◆ Dynamic Address Learning & Filtering
- ◆ Surge Protection on Port-1 and Port-8

Wired Network Adapter

10/100Mbps PCI Fast Ethernet Adapter
with Wake-on-LAN
Model: RE100ATX/WOL



- ◆ Supports 10/100Mbps Network connectivity
- ◆ Wake-on-LAN
- ◆ Optional Boot ROM socket for network server diskless booting

10/100/1000Mbps 32-bit Gigabit Ethernet Adapter
Model: RL1000T



- ◆ Supports 10/100/1000Mbps Network connectivity
- ◆ Wake-on-LAN
- ◆ Complies with the IEEE802.3, IEEE802.3u and IEEE802.3ab standards
- ◆ Auto MDIX on RJ-45 to auto-detect straight or crossover Cat5 cable, as well as N-way Auto-Negotiation

Wireless 11n Solution

Wireless Access Point (11n)

Outdoor Access Point with Integrated PoE

Model: WPMN543G/A



- ◆ Atheros AR7130 Operating at 300MHz
- ◆ 32MB SDRAM (Up to 128MB SDRAM),
- ◆ 4MB Flash (Up to 16MB Flash), Optional: 32MB(Nand)
- ◆ Compatible with IEEE 802.11n/b/g, n/a/b/g
- ◆ Integrated PoE (Power over Ethernet) feature
- ◆ 16dBi'A-Band'Dual Polarization Antenna
- ◆ 14dBi'G-Band'Dual Polarization Antenna

Outdoor Access Point with Integrated PoE

Model: WPMN1883



- ◆ Atheros AR7xxx MIPS (300Mhz - 600Mhz)
- ◆ 32MB SDRAM (Up to 256MB SDRAM)
- ◆ 4MB Flash (Up to 16MB Flash), Optional: 32MB(Nand)
- ◆ 3 x Type III Mini-PCI Slots
- ◆ 2 x 10/100 Base-TX Ethernet Ports (with Auto MDI/MDIX)
- ◆ 1 x Serial Port
- ◆ 48VDC Input Voltage / IEEE 802.3af compatible PoE (High Power)
- ◆ 16dBi'A-Band'Dual Polarization Antenna
- ◆ 14dBi'G-Band'Dual Polarization Antenna

Access Point G/AG with Integrated PoE

Model: WP543G / WP543AG



- ◆ Atheros AR7130 Operating at 300MHz
- ◆ 32MB SDRAM (Up to 128MB SDRAM),
- ◆ 4MB Flash (Up to 16MB Flash), Optional: 32MB(Nand)
- ◆ Compatible with IEEE 802.11b/g (2.4GHz) & IEEE802.11a (5GHz)
- ◆ Compatible with IEEE 802.11n
- ◆ Integrated PoE (Power over Ethernet) feature
- ◆ 1x USB Port (Optional)

Outdoor Access Point G/AG with Integrated Antenna/PoE

Model: WPP543



- ◆ Atheros AR7130 Operating at 175MHz
- ◆ 32MB SDRAM (Up to 128MB SDRAM),
- ◆ 4MB Flash (Up to 16MB Flash), Optional: 32MB(Nand)
- ◆ Compatible with IEEE 802.11b/g (2.4GHz) & IEEE802.11a (5GHz)
- ◆ Compatible with IEEE 802.11n
- ◆ Integrated PoE (Power over Ethernet) feature
- ◆ Outdoor casing IP55
- ◆ Build-in Dual Polarization Antenna:
 - 1x 12dBi (5GHz) antenna (WPP54A7C)
 - 1x 9dBi(2.4GHz) antenna (WPP54G7C)

Wireless Network Adapter(11n)

Wireless 11N USB Adapter

Model: WLU200NX



- ◆ IEEE 802.11a/b/g/n(2.4GHz or 5GHz)
- ◆ Speed up to 300Mbps
- ◆ AR9170 Atheros Chipset
- ◆ WMM (QoS) support
- ◆ USB 2.0 Plug & Play
- ◆ Support 64/128 bit WEP & WPA security
- ◆ WLU200NX with 2 MC connectors for external antenna connection

Wireless 11N USB Adapter

Model: WLU150NX



- ◆ IEEE 802.11a/b/g/n(2.4GHz or 5GHz)
- ◆ Speed up to 300Mbps
- ◆ RT3070 Ralink Chipset
- ◆ WMM (QoS) support
- ◆ USB 2.0 Plug & Play
- ◆ Support 64/128 bit WEP & WPA security

WPP54

802.11b/g, a/b/g 26dBm Access Point with Integrated Antenna.

WPP543

802.11n/b/g, n/a/b/g 26dBm Access Point with Integrated Antenna.

High-performance, great value Indoor/Outdoor Access Point with integrated built-in Antenna, POE. High speed access, ease of use device is perfect solution for Wireless Internet Service Providers (ISPs).



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