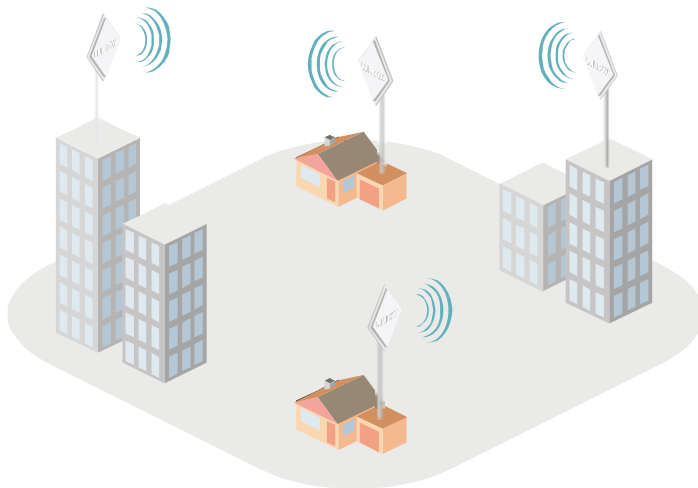




WILIBOX Outdoor Access Point WLP-710



Point to Multi Point (PTMP)

and VLAN mapping, CPE bridge and router with stateful inspection firewall, traffic shaping and QoS management. State of the art security functionality – AES, WPA/WPA2 PSK, WPA/WPA2 Enterprise, 802.1x EAP-TLS, EAP-PEAP gives possibility to make secure managed wireless network.

In addition, to industry standard HTTPs, SSH, SNMP v1, v2c and v3 management interfaces, W0-6021 has an integrated WILIBOX Remote Configuration and Management System (RCMS) agent. Working together with WILIBOX RCMS server product it allows secure and user friendly management of multiple WILI software platform based devices.

For more information about WILI and RCMS products check our company website at: <http://www.wilibox.com>

*depends on individual country regulations.

Physical specifications

Wireless

Wireless standards and modulation	IEEE 802.11a (OFDM)
Wireless frequency range	4.90 - 5.8GHz *depends on country regulations
Data rates	802.11a: 54, 48, 36, 24, 18, 12, 9, 6Mbps
Output Power at antenna connector	0-26 dBm Adjustable
Sensitivity	-93 dBm @ 1Mbps - -70 dBm at 54 Mbps
Antenna	Built in 23 dBi
Typical range	20 km
Throughput	20 Mbit/s – 4 km, 17 Mbit/s – 20 km

WLP-710 is a robust wireless broadband network component for building city wide wireless ISP and enterprise networks using contention free 4.9 – 5.8 GHz frequency band*.

Weatherproof housing and integrated antenna makes installation process quick and straightforward for environments like airports, parking facilities, public parks and residential areas. Second LAN interface allows daisy chaining of radio devices or connecting other equipment, for example network cameras. Serial port may be used to ease installation and setup process or (with future software releases) to control external telemetry, alarm systems and other devices.

WLP-710 with its high-gain antenna and high-power radio combination, up to 49 dBi EIRP*, is ideal for long distance and high speed radio links.

WLP-710 together with integrated WILI software gives an unmatched functionality in a broad range of deployment scenarios. Point to Point (PtP) and Point to Multipoint (PtMP) bridging, AccessPoint with Virtual AP (MBSSID)



WILIBOX Outdoor Access Point WLP-710

Hardware

Interface	2 x LAN 10/100 BaseT Mbps RJ-45
LEDs	1 WAN
Environmental specifications	IP 65 -40 to +55C
Humidity	10-90% relative non-condensing humidity
Power consumption	10W max
Power supply	Power over Ethernet with inserter 48VDC
Mount options	Mast mountable
Dimensions	334mm x 334mm x 43mm (W x H x D)
Weight	2 kg
Warranty	1 year

Software highlights

Management

WEB management via HTTPS
Command line management via SSH, Telnet
Configuration file upload via HTTPS and FTP
RCMS configuration, firmware management and status reporting agent with NAT/ Firewall traversal functionality
Subnet or VLAN for management traffic
Management access control list
Administrator authentication via RADIUS or TACACS
SNMP V1/2/3
SNMP Traps
Supported MIB's: 802.11, 802.1x, MBII, RADIUS authentication, RADIUS accounting
SYSLOG support including remote servers and debug levels
Automatic configuration and provisioning with WILIBOX RCMS

Networking

VLAN tagging, up to 4096 VLAN tags, VLAN pass-through
Large frame support 1600 bytes
Bridging, shaping tree protocol (STP)
IP routing
DHCP server, client, relay
DNS relay, proxy
NTP and internal clock support

Per VLAN, IP tunnel or physical interface networking settings
802.1x authenticator
802.1x supplicant
MAC filtering per interface
IP filtering per interface
Stateful inspection firewall
Multiple GRE tunnels
NAT/NAPT/IP masquerading interface

Wireless Security

WPA/WPA2 personal and enterprise (with dynamic key from remote RADIUS server) TKIP, AES (CCMP)
Secure WDS mode, WDS inter access point traffic is secured by WPA/WPA2 in personal or enterprise modes
Static and dynamic WEP
802.1x with EAP-MD5, EAP-TLS, EAP-PEAP, EAP-SIM, EAP-LEAP
Layer 2 intra access point client isolation
SSID broadcasting suppression
Static wireless
Access Control List
MAC address filtering