

Main features

- » International standard 802.11 b/g/n
- » Supports multiple SSIDs and VLANs (802.1q)
- » Plug'n'Play: simple installation
- » MESH protocol: coverage of entire structures without any cabling with roaming management
- » High performance and customizable captive portal
- » QoS management to optimize bandwidth and services with WMM (Wi-Fi Multi-Media) support
- » Walled garden for free access sites
- » Integrated firewall to protect network from hotspot users
- » Standalone password generation system or interfacing with SICE SMS Station
- » Product complies with the new Anti-terrorism regulations
- » Proximity marketing management
- » High-performance professional equipment



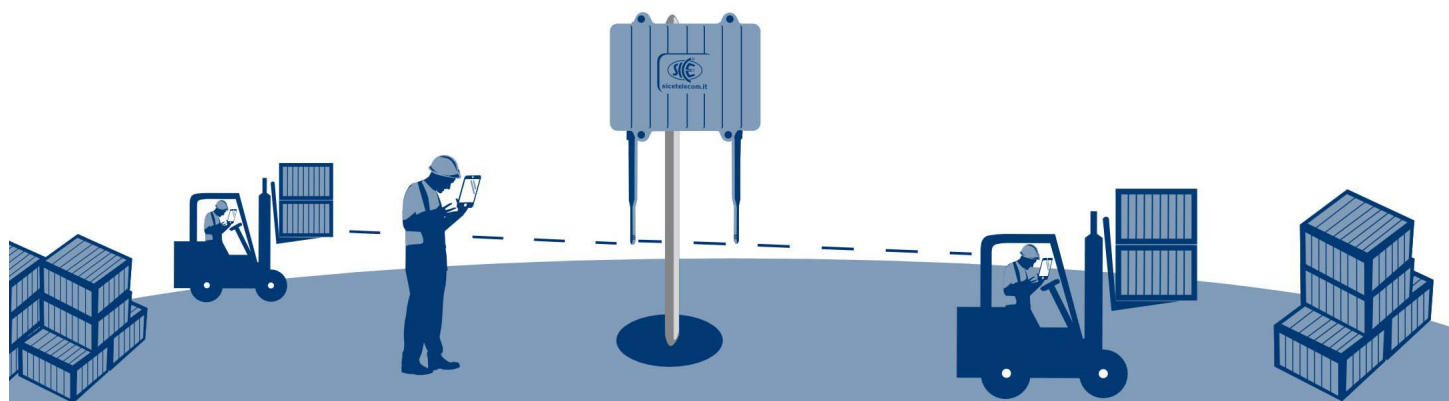
Applications

- » Public Wi-Fi connections for Hotels, Campsites and B&Bs
- » Public Wi-Fi connections for Universities or Public Bodies
- » Public Wi-Fi connections for Trade Fairs or Airports
- » Public Wi-Fi Connections for Ports
- » Broadband connections for meeting rooms and centres
- » Public Internet Point / Wi-Fi Area

Description

Hiperlink ATRH0213-S is an innovative SICE device designed to provide extended WiFi MIMO (802.11 b/g/n) coverage with an exceptional price/performance ratio. **Hiperlink ATRH0213-S** integrates WiFi MIMO Access Point (802.11 b/g/n) with captive portal's functions (walled garden management, zero configuration for clients, external radius support and external login page). **Hiperlink ATRH0213-S** system allows, through 2.4GHz 802.11 b/g/n radio module, Wi-Fi Internet access for public facilities or areas with high public attendance such as hotels, conference venues, libraries, ports, airports, motorway service stations, etc..

Hiperlink ATRH0213-S can also be configured to build MESH networks or routed networks with OSPF and MPLS. The product manages the multiSSID, so a single product can be sufficient to manage several SSIDs. Each user chooses which SSID to connect to when opening the browser. These SSIDs can then be routed to different vlan to offer different types of services. **Hiperlink ATRH0213-S**, in addition to being a perfect WiFi MIMO Access Point for industrial environments (storage warehouses and port areas) is also the ideal integration of advanced WiFi SICE HOTSPOT systems with SMS authentication and PayPal (**SMS Station**).



Specifications

Operating frequency	2.4 GHz (802.11 b/g/n MIMO)
Power supply	POE 12-24Vdc (on request 802.3af/at)
Max Power Consumption	11W
Degree of protection	OUTDOOR IP67
Dimensions, weight and supports	125mm x 195mm x 48mm - 0,6 Kg
Temperature range	-40°C / +70°C
Sensitivity	-96 dBm MCS0 20 Mhz/-73 dBm MCS7 20 Mhz
Max Datarate	300Mbps
TX Power	20 dBm EIRP 2,400-2,483 GHz
Antennas	2 x Omni Antenna 2.4GHz 5dBi
Ethernet port	Gigabit Ethernet 10/100/1000 Full Duplex, Autosensing
Bridge	Multiple bridge interfaces; Bridge associations on a per interface basis; Protocol can be selected to be forwarded or discarded MAC address table can be monitored in real time; IP address assignment for router access; RSTP/STP (Spanning Tree Protocol)
Multiple SSIDs	Up to 256 SSIDs can be activated on a single radio module
Routing protocols	OSPF,BGP,RIP,MPLS/VPLS
External antennas available	Omni, Grid, Panel or Dish (various gains)
Management and configuration modes	Telnet, client, Telnet server, MAC Telnet server, SSH, GUI on SSH, http

Access protection	Multilayer users management
VPN support	IPSEC, EoIP, PPTP, VLAN, L2TP, PPPoE, IPIP
IP assignment	DHCP client, DHCP server
Ethernet port	Fast Ethernet 10/100 Full Duplex, Autosensing
Agent SNMP	SNMP V1 client, MIB II, Bridge MIB
Software update, backup and configuration recovery	Via FTP and Drag and Drop directly from system folders
Security	ESSID Association Protocol
Hotspots	Captive portal, local or remote login pages, walled garden management, user and voucher generation, Interfaceable with SICE SMS Station, P2P limitation firewall, LAN protection, MAC-ADDRESS authentication & filtering, IP address filtering & protocol filtering, RADIUS server Authentication (AAA)
VLAN	802.1q, Multiple VLAN interface, inter VLAN routing
QoS	802.1p (Layer2 traffic priority), IPToS RFC791 (Layer3 traffic priority), CBQ Queuing, Layer 4-7 traffic shaping/WMM (Wireless MultiMedia), Hierarchical HTB QoS system with bursts, PCQ, RED, SFQ, FIFO queue; CIR, MIR, Contention ratios, dynamic client rate equalizing

Ordering information

ARTH0213	2.4 GHz MIMO Access Point including 2 omnidirectional antennas
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