



Ruckus Wireless™ ZoneFlex™ 7025

Multi Service 802.11n Wired/Wireless Indoor Wall Switch



Benefits

- Ubiquitous connectivity
- Converged IP services
- Multiple SSIDs, port-based VLANs and robust authentication options
- Standalone or centrally managed
- Superior, fast Wi-Fi® connectivity
- Flexible deployment options
- Easy installation
- Sleek, inconspicuous compact form factor for best aesthetics
- Integrated PoE support eliminates more wires
- Plug and play for existing digital phones

The Ruckus ZoneFlex 7025 is the industry's first wired and wireless wall switch that integrates high-speed 802.11n Wi-Fi into an ultra-sleek, low-profile design that can be quickly and discretely installed in a standard wall junction box.

Ideal for offering converged services within hotel guest rooms and university dormitories, the ZoneFlex 7025 provides an easy way to offer multiple connections into a single room without multiple cables.

The ZoneFlex 7025 delivers high performance 2.4 GHz 802.11n wireless coverage and four wired Ethernet access connections that can be used to support a range of in-room IP device and user connectivity options. An additional pass through port allows connectivity for digital phones that requires native access to an in-house PBX system.

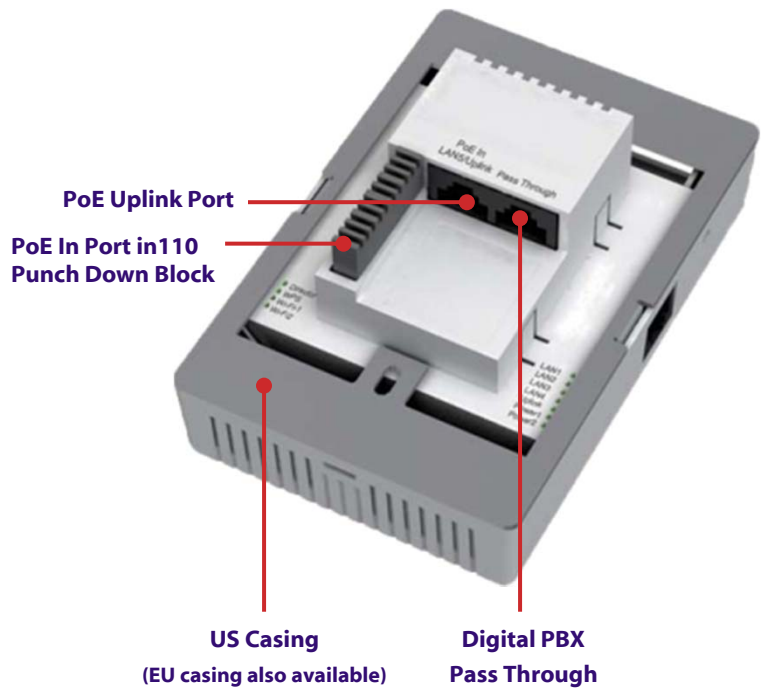
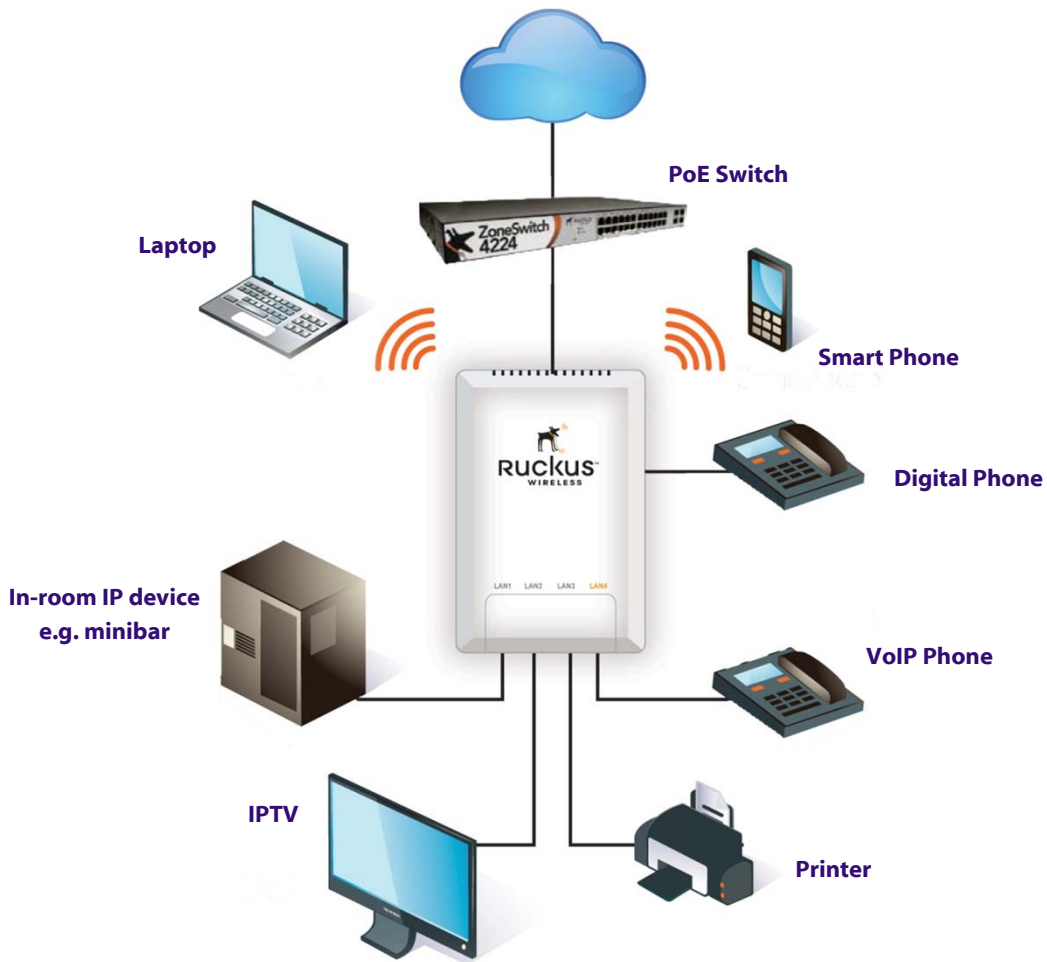
An IEEE 802.3af-compliant PoE port, up to 15.4 watts, powers devices such as IP telephones directly from the wall switch. The ZoneFlex 7025 requires only a single PoE cable drop thereby reducing cabling, switch ports, and power sourcing equipment.

The ZoneFlex Wi-Fi Wall Switch is completely inconspicuous, minimizing the protrusion off the wall to make in-room cabling and furniture arrangement simple. Flexible deployment options allow the ZoneFlex 7025 to be easily installed via two uplink Ethernet options, an RJ-45 Ethernet jack or a 110 punch down block connection.

The ZoneFlex 7025 can be deployed as a standalone device or centrally managed by the Ruckus ZoneDirector™ or FlexMaster™ Wi-Fi system management platform.

With the ability to broadcast up to eight SSIDs per device, the ZoneFlex 7025 supports port-based VLANs. Authentication options include 802.1x, MAC-based, captive portal, LDAP, RADIUS, Active Directory and through an internal user database.

Converged Wired and Wireless Services



Benefits

Ubiquitous connectivity

In-room device provides complete wired and wireless connectivity for a wide range of devices and applications

Converged IP services

Multiple SSIDs, port-based VLANs and robust authentication options make the ZoneFlex™ 7025 idea for supporting concurrent IP-based services such as VoIP, IPTV, high-speed Internet access and in-room device connectivity

Standalone or centrally managed

The ZoneFlex 7025 can be deployed in standalone mode or centrally managed by the Ruckus ZoneDirector™ or Ruckus FlexMaster™ systems

Superior, fast Wi-Fi® connectivity

802.11n system delivers ultra high-speed connectivity and extends coverage in-room and beyond

Flexible deployment options

The ZoneFlex 7025 requires a single PoE cable drop, reducing cabling, switch ports and power sourcing equipment

Easy installation

Installs into any standard network wall jack, offering two Ethernet uplink options: RJ-45 connector and a 110 punch down block

Sleek, inconspicuous compact form factor for best aesthetics

Low profile design and front port access eliminates unsightly cabling and disruptive furniture placement

Integrated PoE support eliminates more wires

Provides PoE out to power devices such as IP-based VoIP phones eliminating the need for more power chords that clutter the environment

Plug and play for existing digital phones

Pass through port allows native connectivity for existing digital phones



Features

- Integrated Wi-Fi® AP and Ethernet wall switch
- High performance 2.4 GHz 11n Wi-Fi and four Ethernet access ports offers HSIA
- Wi-Fi Redundancy, in-room coverage as well as corridor and adjacent room
- Powered by either PoE or 48 VDC
- Supplies PoE power 7 W or 15 W, depending on input power
- SmartCast™ QoS
- 8 BSSIDs with unique QoS and security policies
- WEP, WPA-PSK, WPA-TKIP, WPA2 AES, 802.11i
- 802.1X support for RADIUS and Active Directory*
- Zero-IT and Dynamic PSK*
- Captive portal and guest accounts*
- Mounts into standard US and EU single gang wall jack
- RJ-45 or 110 punch down block options for uplink Ethernet port
- One RJ-45 pass through connection

* With ZoneDirector™

Specifications

Physical Characteristics	
Power	PoE 802.3af/802.3at 48 VDC
Power Draw	Without PoE Out: 7 W Max With maximum PoE output (15.4W): 23 W Max
Physical Size	US/UN Casing (per NEMA WD6-2002): 128 mm (L), 85 mm (W), 56 mm (H) 5.0" L x 3.4" W x 2.2" H WW Casing (per BS 4662-2006+A1-2009): 85 mm (L), 85 mm (W), 56 mm (H) 3.4" L x 3.4" W x 2.2" H
Weight	US/UN 150 g, 5.3 ounces WW 140 g, 4.9 ounces
Physical Ports	INPUT: <ul style="list-style-type: none">1 10/100Mbps, auto MDX, auto sensing, RJ-45 or 110 punch down block Ethernet access port1 RJ-45 pass through port OUTPUT: <ul style="list-style-type: none">4 10/100Mbps, auto MDX, auto sensing, RJ-45 Ethernet access portsPort 4 of the access ports provides 802.3af Class0/2 PoE power1 RJ-45 pass through port
Environmental Conditions	Operating Temperature: 0° C - 40° C, 32° F – 104° F Operating Humidity: 15% - 95% non-condensing
Traffic Management and Quality of Service	
Automatic Traffic Classification	Automatic prioritization of VoIP and video traffic
VLAN Support	802.1Q Port-based VLAN
Classes of Service	Voice, video, best effort and background
Software Queue	Four (4) per Client
802.11e	Supported
Deployment	
Options	<ul style="list-style-type: none">Individually managedManaged by ZoneDirector™ seriesManaged by FlexMaster™
Management	
Configuration	Web user interface, CLI, Telnet, SSH HTTP(s), SNMP via ZoneDirector™, HTTPs/XML/SOAP via FlexMaster™
Statistics	LAN, wireless and associated stations (accessible via Web UI)
Auto AP Software Updates	FTP or TFTP, remote auto upgrade available
Wi-Fi*	
Standards	IEEE 802.11b/g/n 2.4 GHz
Supported Data Rates	802.11n: 6.5 Mbps – 150 Mbps 802.11b: 1, 2, 5.5, and 11 Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48 and 54 Mbps
Radio Chains	1 x 1
Spatial Streams	1
RF Power Output	16 dBm
Frequency Band	2.4-2.484 GHz
Operating Channels	US/Canada: 1-11 Europe (ETSI X30): 1-13 Japan X41: 1-13 Channel availability is country dependent according to the local regulations
BSSID	8
Wireless Security	<ul style="list-style-type: none">WEP, WPA-PSK, WPA-TKIP, WPA2 AES, 802.11iAuthentication via 802.1X with the ZoneDirector™ series, local authentication database, support for RADIUS, LDAP, and ActiveDirectory
Certifications	TUS, Canada, EU, China, India, Australia, New Zealand, Malaysia, Thailand, Singapore, Indonesia, and Philippines

Ruckus Wireless™ ZoneFlex™ 7025

Ordering Information

ARRIS #	Mfg #	Description
TBD	TBD	ZoneFlex 7025, 802.11n Wired/Wireless Wall Switch with Integrated Access Point
794015	SVC-CTRCT	1 Year Support Contract Required.

NOTE: When ordering you must specify the destination region by indicating -US, -UN, -WW.

Contact ARRIS: (888) 353-9473 www.arrisi.com

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