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The ZoneFlex 7762  
Ruckus Wireless

## [Ruckus Wireless Debuts Smart Wi-Fi Outdoor Access Points](#)

*Capable of supporting any kind of weather*

Right now, wireless networks tend to extend way beyond certain building or areas, but in order to make such networking solutions possible, manufacturers have to come up with products that can easily survive outdoors, in any situations. For this reason, Ruckus Wireless has just introduced the ZoneFlex 7762 and ZoneFlex 2741, two wireless points designed specifically to be used [outdoors](#).

According to the manufacturer, its Ruckus Smart Wi-Fi outdoor products are able to deliver high-speed dual-band 802.11n technology at a lower cost than competitive outdoor 802.11a/b/g products and with a two- to four-fold increase in signal range and reliability.

The devices feature a patented high-gain, multi-directional adaptive antenna array (BeamFlex) to deliver up to 7dBi signal gain and -15dB of interference avoidance for unprecedented range, signal reliability and Wi-Fi data rates at far distances. It also sports self-forming, self-healing Smart Mesh Networking to provide reliability and resilience while eliminating the cost of running Ethernet cabling to every access point.

The two [outdoor wireless access points](#) from Ruckus Wireless also deliver seamless integration of indoor/outdoor wireless networks to enable simple, unified management and meshing of all indoor and outdoor Smart Wi-Fi access points, as well as a receiving sensitivity down to -100dB to improve signal reception from client devices and ensure solid transmissions between mesh nodes.

Furthermore, the devices support centralized and remote Wi-Fi management for simplified monitoring and troubleshooting using the Ruckus ZoneDirector Smart WLAN controller and FlexMaster Wi-Fi management system, as well as standard-based APIs using SNMP, TR-069 and XML.

Now, let's take a quick look at what makes these things different. So, the ZoneFlex 7762 is a centrally-managed, concurrent dual band 802.11n outdoor access point capable of sustaining performance of up to 150 Mbps over 1000 feet (300 meters) between meshed nodes and up to 50 Mbps to client devices over 500 feet (150 meters). It is IP-67 rated for [water and dust](#) and operates in temperatures ranging from -40&deg;C - 65&deg;C (-40&deg;F - 149&deg;F).

On the other hand, the ZoneFlex 2741 is a centrally-managed 802.11g outdoor access point capable of sustaining performance of up to 30 Mbps over 1000 feet (300 meters) between mesh nodes and up to 25 Mbps over 500 feet (150 meters) to client devices. This model is IP-65 rated for water and dust and operates in temperatures ranging from -20&deg;C - 65&deg;C (-4&deg;F - 149&deg;F).

Available in August, the ZoneFlex 7762 will sell for around \$1,999, while the ZoneFlex 2741 is already out in stores and sells for somewhere in the vicinity of \$899.

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