

Desk phone Wi-Fi adapter



NEC telephony adapts to your business needs

In today's ever changing environment, your business needs to be agile to grow and be competitive. In the same way your communication tools and devices need to adapt to meet your changing business requirements.

NEC's UNIVERGE IP desktop telephones have always allowed you to tailor the phone to meet an individual employee's role, but now with the Wi-Fi adapter, it enables you to place it in a location that best suits their needs. The Wi-Fi adapter converts your new or existing wired desktop IP telephone into a wireless one that can be placed virtually anywhere within range of your wireless network. It eliminates the expense of adding additional Ethernet connections and all you need is a power point.

This enables you to add new phones or move existing phones easily and economically. By utilising your existing wireless network, you can extend your NEC telephone system throughout your business while gaining added flexibility.

NEC's Wireless solution for desk phone benefits:

- > Converts NEC's UNIVERGE DT730 and DT830 Series IP desktop telephones into wireless devices.
- > No end user training - the phone works exactly the same way wired or wirelessly.
- > Allows placement of telephones virtually anywhere within range of an office's wireless network - you only need power.
- > Eliminates the need and cost of additional wired Ethernet connections.
- > Easy to install and configure with the built in web page.
- > Configure multiple adaptors with the USB configuration tool.



Communicate anywhere



The Solution

NEC's Wi-Fi adapter is an optional accessory for the UNIVERGE DT730 and DT830 Series IP desktop telephones. It easily snaps into the expansion slot underneath your desk phone and converts your wired device into a wirelessly connected one. With the Wi-Fi adapter, you will now have the freedom to place your IP telephones in any location to meet your specific business requirements as long as it is within range of your wireless network.

The Wi-Fi adapter can connect at wireless transmission rates of up to 150 Mbps and has a built-in smart antenna which allows for strong reception/transmission of wireless signals - automatically adjusting bandwidth and avoiding channel interference to ensure the highest connection quality.

Easy to install

Installation is easy! Simply connect the included Ethernet cable into the Wi-Fi adapter, snap the adapter into the back of the telephone and connect the Ethernet cable to the telephone's LAN port. Once it is powered on, there are two LEDs that provide you status information for the adapter.

Configuration is just as easy. NEC provides you with two methods by which you can configure the adapter - through the Wi-Fi adapter's built-in web interface or the special PC-based configuration tool. These tools allow you to configure the wireless connection, the LAN port, update the firmware, plus more.

Potential uses

- > **Hotel Lobby or hallways** – enhance guest experience by placing an NEC IP telephone with wireless adapter where guests can most easily access it.
- > **Construction areas** – improve communications throughout a work site by locating IP telephones with wireless adapters where there is no mobile phone coverage or where wired cables may not be accessible. Reliable communications are critical in these areas to ensure responders are just a phone call away in the event of an emergency.
- > **Warehouse environments** – increase telephone coverage where there is a lot of open space without a viable way to string cables to all areas of the facility. These unique environments can now have telephone coverage in all locations throughout the building.
- > **Older buildings** – eliminate the need for costly re-wiring of an entire building that has a limited amount of wiring to support the telephone coverage that is required. By utilising telephones with the Wi-Fi adapter, installation of telephones is much more economical.

Features	Notes
Standard	802.11 g / b / n (draft 2.0)
Wireless speeds	Up to 150Mbps
Channels	1 - 13
RF Power	20dBm / 100 mW (Maximum)
Encryption	WPA/WPA-PSK, WPA2/WPA2-PSK
Authentication	PSK, EAPTLS, PEAP-MSCHAPv2
LED Indicators	Two LEDs (Wi-Fi and device status)
Configuration	Inbuilt WEB interface or USB configuration tool
Range	Indoors 50-100m (open air, theoretical value)



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