

FAN-W620P

Fanvil W620p 20 SIP PoE DECT IP Phone & Base Station

Product Overview

Fanvil W620p 20 SIP PoE DECT IP Phone & Base Station, Fanvil FAN-W620P is a PoE-powered DECT IP Phone and Base Station kit, The Base Station supports up to 10 handsets with provision for 20 SIP accounts, Wireless signal coverage extends up to 50 meters indoors and 300 meters outdoors, Handset features include a 2.4-inch 240x320 Colour High-Definition LCD Display, Battery capacity is 3000mAh providing up to 13 hours talk time or 240 hours Standby, System supports up to 10 simultaneous calls and 10 internal extensions, Screen Interface includes 16 Virtual DSS Keys Plus 1 physical DSS key and side key





Specifications

Overview Summary:

Upgrade your office communication with the Fanvil FAN-W620P PoE DECT IP Phone and Base Station, designed for seamless connectivity across South African businesses. This comprehensive kit supports up to 10 handsets and 20 SIP accounts, offering reliable indoor coverage of 50 meters and outdoor reach up to 300 meters. With its high-definition colour display, long battery life, and intuitive interface, it ensures professional calls without interruption.

Equip your team with the flexibility of wireless communication that integrates perfectly into modern networks via PoE. Whether you are managing a small office or expanding to larger operations, this system scales efficiently to meet your needs while maintaining crystal-clear audio quality. Secure your reliable business phone solution today and enhance productivity immediately by buying now.

Performance tier:Enterprise

Uses:Office communication, wireless handsets, SIP trunking, internal extensions, multi-location connectivity

Overview:

The Fanvil FAN-W620P represents a versatile solution for businesses seeking a robust wireless communication system. This complete kit combines a powerful DECT IP Base Station with high-performance handsets, delivering seamless connectivity across expansive environments. Designed to scale with your needs, the base station supports up to 10 simultaneous calls and accommodates as many as 10 individual handsets on a single unit. The system leverages PoE technology for simplified installation, eliminating the need for separate power adapters at every location.

Description:

The Fanvil FAN-W620P is an all-in-one DECT IP Phone and Base Station kit engineered to enhance workplace communication efficiency. This system delivers exceptional flexibility with support for 20 SIP accounts and up to 10 internal extensions, making it ideal for growing teams. Users benefit from a rechargeable 3000mAh battery that ensures long-lasting talk time of up to 13 hours, alongside an impressive 240-hour standby duration. The handheld device features a crisp 2.4-inch color LCD display with high-definition resolution, paired with an intuitive interface powered by a 3-core CPU running the Linux system for smooth performance.

Features:

System Capabilities and Coverage

Reliable connectivity is at the core of this deployment, offering wireless signal coverage that extends up to 50 meters indoors

and reaches as far as 300 meters outdoors. This range ensures staff can move freely throughout offices, warehouses, or outdoor facilities without losing connection quality. The system architecture allows for expansion by adding up to 9 additional FAN-W620D base stations to the main unit, creating a scalable network that adapts to complex layouts. With support for intelligent noise reduction and acoustic shielding, every conversation remains clear even in busy environments.

The handset design prioritizes user comfort and functionality with a durable plastic shell capable of surviving drops from up to 1.8 meters. Users can personalize their experience through a local phone book storing 1000 contacts per device or sync with remote XML and LDAP directories. The interface supports multiple languages including English, Japanese, Korean, French, German, Spanish, Italian, Polish, Portuguese, Greek, Turkish, Russian, Chinese, and Traditional Chinese to suit diverse workforces.

- Up to 10 simultaneous calls supported
- Capacity for up to 10 handsets per base station
- 20 SIP accounts and 10 internal extensions
- Wireless range of 50m indoors / 300m outdoors
- 2.4-inch 240 x 320 color HD LCD display
- Rechargeable 3000mAh battery with 13-hour talk time
- Supports 16 virtual DSS keys plus physical keys
- Intelligent noise reduction and acoustic shield technology

Technical Specifications and Network Support:

The FAN-W620P Part Number supports a wide array of network protocols ensuring compatibility with modern IT infrastructures. It utilizes IPv4, IPv6, and dual-stack configurations alongside DHCP for seamless IP assignment. Security is maintained through 802.1x authentication, L2TP, OpenVPN, and VLAN support via CDP or LLDP. The device connects via a single Ethernet port supporting 10/100 Mbps speeds with bridge connectivity to a PC, powered by either DC5V/1A or PoE injection.

Audio quality is preserved through a comprehensive selection of codecs including narrowband options like G.711a/u and G.729 variants, as well as wideband support for G.722 and Opus. The system facilitates advanced call features such as auto-answering, speed dialing, call waiting, and 6-way conferencing. Call management is streamlined with the ability to store up to 20,000 logs on the base station and 600 per terminal, covering incoming, outgoing, missed, and forwarded calls.

- Protocol support includes DECT, UDP/TCP/TLS, RTP/SRTP
- Voice codecs: G.711a/u, G.729, G.722, Opus
- Security 802.1x, L2TP, OpenVPN, VLAN
- Network interfaces: 10/100 Mbps Ethernet with PC bridge
- Power options: DC5V/1A or PoE compliant
- DSS Keys: 16 virtual, 1 physical DSS, 1 side key

Maintenance and Configuration

Administrators can manage the system efficiently through a web-based interface that supports remote configuration, firmware upgrades, and syslog integration. Auto-provisioning is supported via FTP, TFTP, HTTP, HTTPS, DHCP OPT66, SIP PnP, or TR-069 protocols to streamline large-scale deployments. The platform allows for importing and exporting configuration files, resetting devices, enabling Do Not Disturb modes, and capturing diagnostic packets for troubleshooting.

What's in the box

- FAN-W620P DECT Base Station
- FAN-W620D Handset (1 included)
- Power adapter or PoE capability support

This product is identified by part number FAN-W620P and represents a reliable choice for organizations requiring scalable, high-performance wireless telephony. The combination of extensive coverage, robust battery life, and flexible network integration makes it suitable for various professional environments.

FAQ

What is the maximum number of handsets I can connect to this base station?

The Fanvil FAN-W620P base station supports up to 10 DECT handsets and allows for the addition of up to 9 more units via expansion modules.

How far does the wireless signal reach with this system?

You can expect indoor coverage extending up to 50 meters, while outdoor range reaches up to 300 meters depending on environmental conditions.

Can I use multiple SIP accounts or extensions with one base station?

Yes, the system supports up to 20 SIP accounts and 10 internal extensions, enabling you to handle up to 10 simultaneous calls.

How long does the handset battery last on a full charge?

The rechargeable 3000mAh battery provides approximately 13 hours of talk time and up to 240 hours of standby time under ideal conditions.

Does this phone system support power over Ethernet (PoE)?

Yes, the base station can be powered via a standard PoE connection or using the included DC5V / 1A adapter.

Specifications:

© 2026 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.	
Specifications	
Product Code	FAN-W620P
Generic	
Simultaneous calls	10
Max handset numbers	10
Wireless signal coverage	Up to 50 meters indoors and 300 meters outdoors
SIP accounts	20
Internal extensions	10
SIP servers	20
Screen	2.4-inch 240 x 320 color high-definition LCD display (W620D)
DSS Keys	16 virtual DSS keys, 1 physical DSS key and 1 physical
	side key (W620D)
Incoming vibration alarm	Support
Call feature	Auto-Answering / speed dial / call waiting / 6-way conference (W620D)
Supports multiple languages	English / Japanese / Korean / French / German / Dutch / Spanish / Italian / Polish / Portuguese / Greek / Turkish / Russian / Chinese / Tra-Chinese
Terminal Management	
Operation	Add / delete / import / export
	Check terminal information
Configure	Reset, upgrade, DND

ComX Computers

Product Specification Sheet

Configuration management	10 terminal configuration files
Trouble removal	Capture package, syslog
Local phone book	1000 Local contacts for each terminal
Remote phone book	XML / LDAP phone book
Call logs	20000 call logs for base
	600 call logs for each terminal
Call log statistics	All (incoming, outgoing, missed, forwards)
DECT	
Frequency band	1880~1900 MHz (European / South Africa):10 Channels , default item.
	1920~1930 MHz (America / Canada): 5 Channels
	1893~1906 MHz (Japan): 5 Channels
	1880~1895 MHz (Taiwan, China): 8 Channels
	1910~1920 MHz (Brazil): 5 Channels
	1786~1792 MHz (South Korea): 3 Channels
	1910~1930 MHz (Latin America): 10 Channels
	1909~1929 MHz (Argentina): 10 Channels
	1880~1900 MHz (European / South Africa): 10 Channels, default item.
	1920~1930 MHz (America / Canada): 5 Channels
Network	
Protocol	DECT
	UDP / TCP / TLS
	RTP / SRTP
	STUN
	DHCP
	IPv6
	LLDP
	802.1x
	L2TP
	OpenVPN
	SNTP
	FTP / TFTP / HTTP / HTTPS
	TR-069
Ethernet port	10 / 100 Mbps Ethernet (Bridge connection)
IP mode	IPv4 / IPv6 / IPv4 & IPv6
	Static IP / DHCP
802.1x Network access permission	Support

ComX Computers

Product Specification Sheet

authentication	
VPN	L2TP / OpenVPN
VLAN	DHCP
	CDP
	LLDP
Audio	
Narrowband codec	G.711a/u, G.729, G.729A, G.729B, G.729AB
Wideband codec	G.722, Opus
Maintenance	
Auto-provisioning	FTP / TFTP / HTTP / HTTPS / DHCP OPT66 / SIP PnP / TR-069
Web management interface	Support
Web-based packet-dump	Support
Configuration	Export / import
Firmware upgrade	Support
Syslog	Support
Specification	
Handset drop height	1.8 m
Shell material	Plastic shell
Base DC input	5V / 1A
Handset DC input	5V / 2A
Base RJ45 port x2	Network x 1
	PC x 1 (Bridged to Network)
Base power	DC5V / 1A or PoE

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/FAN-W620P-Fanvil-W620p-20-SIP-PoE-DECT-IP-Phone-Base-Buy-p-341627.php>

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: <https://www.comx-computers.co.za/terms-of-use.php>

Terms of Sale: <https://www.comx-computers.co.za/terms-of-sale.php>

PDF generated: 2026-10-20 02:55:06.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

ComX Computers

Product Specification Sheet

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.