

W620P(W710D+W620D) Datasheet

LINKVIL DECT IP Phone System

Fanvil W620P DECT IP Phone System consists of a base station and cordless handsets, designed for small to medium-sized business environments that require reliable mobile communication within a compact deployment.

The system supports up to 20 SIP accounts, 10 cordless handsets, and 10 simultaneous calls, enabling efficient daily collaboration across teams. With a coverage range of up to 50 meters indoors and 300 meters outdoors, the DECT IP Phone System ensures stable wireless connectivity in typical office, retail, and light commercial scenarios.

The DECT Phone features a 3-core CPU architecture and a Linux-based operating system, delivering a smooth user experience, enhanced system extensibility, and advanced audio processing capabilities. Combined with HD voice, intelligent noise reduction, large local phonebook capacity, and 6-party audio conferencing support. Equipped with 16 DSS keys, a physical programmable key and a Push-to-Talk (PTT) button, the W620D allows for fast and efficient communication, perfect for team-oriented environments.



Fast Deployment

20 SIP Accounts

3-core CPU

2.4 inch Screen

Multiple DSS Key

Long Battery Duration

Highlights

- Up to 10 simultaneous calls
- Up to 10 handsets
- Up to 20 SIP accounts
- Up to 10 internal extensions
- Wireless signal coverage extends up to 50m indoors and 300m outdoors
- 2.4" 240 x 320 color screen with smooth user interface
- 3-core CPU architecture with Linux system for smoother UI performance and higher system extensibility
- Support 16 virtual DSS keys,1 physical DSS key, and 1 physical side key
- Local phone book: 1000 local contacts for each DECT phone
- Up to 13-hour talking time and up to 240-hour standby time (in ideal conditions)
- Support Intelligent noise reduction and acoustic shield.

Specifications

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
	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 authentication	Support
	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

	Base power consumption (PoE)	1.17W ~ 1.39W
	Base Power consumption (power adapter)	0.803W ~ 0.94W
	Base installation	Wall-mounted
	Working temperature	-10° C ~ 45° C
	Storage temperature	-20° C ~ 60° C
	Working humidity	5% ~ 95%
	Base device dimensions	140 x 100 x 26 mm
	Handset device dimensions	160 x 53 x 16 mm
	Base weight	184.5 g
	Handset weight	256 g
Package	Handset	W620D x 1
	Base station	W710D x 1
	Charging base	1
	Belt clip	1
	Battery	1 x 3000mAh rechargeable battery
	Product weight(with packing)	860 g
	Qty/CTN	10 pcs
	N.W/CTN	8.6 kg
	G.W/CTN	9.52 kg
	Gift Box dimension	279*218*74mm
	Outer CTN dimensions	456*395*299mm
Compliance	CE FC RoHS	

About LINKVIL

As a sub-brand of Fanvil, LINKVIL focuses on the research and development of A&V-IoT wireless communication products. Based on Audio & Video -IoT, LINKVIL helps customers to achieve full connection of wireless communication systems and will build a wireless communication Eco-system for multi-scenarios to help different industries accelerate their digital transformation.

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More Information

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.
For more information, please visit: www.fanvil.com

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