



# 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.

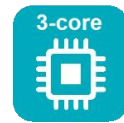
The DECT Phone features a 3-core CPU architecture and a Linux-based operating system, delivering a smooth user experience, enhanced system extensibility, and advanced audio processing capabilities. Combined with HD voice, intelligent noise reduction, large local phonebook capacity, and 6-party audio 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.



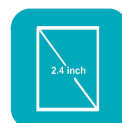
Fast Deployment



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			
<b>Generic</b>	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	
	<b>Terminal Management</b>	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 )	
<b>DECT</b>		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	
<b>Network</b>	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	
<b>Audio</b>	Narrowband codec	G.711a/u, G.729, G.729A, G.729B, G.729AB	
	Wideband codec	G.722, Opus	
<b>Maintenance</b>	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	
<b>Specification</b>	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
<b>Package</b>	
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
<b>Compliance</b>	<b>CE FC RoHS</b>

## 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](http://www.fanvil.com)

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