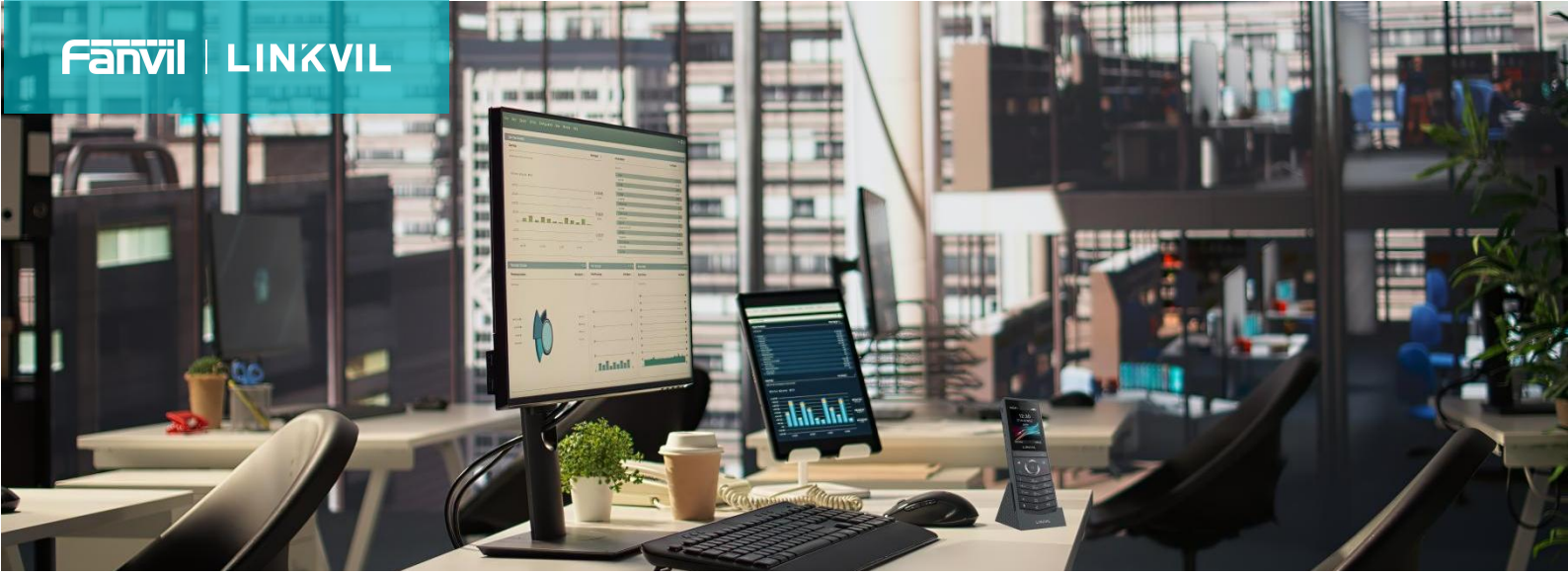


W620H

Wireless Phone

Datasheet

Engineered for scalable multi-cell deployments, this advanced wireless handset delivers seamless roaming, wide-area coverage, and high system reliability for enterprise communication. When used with the W710H, the outdoor coverage range reaches up to 350 meters, and the indoor coverage range up to 60 meters, ensuring stable connections between large sites. A 2.4-inch color display, responsive performance, and long battery life provide a smooth and efficient user experience. Dedicated hardware keys—including programmable, mute, and call transfer buttons—together with 16 DSS keys and a PTT key, enable fast operation and instant communication in both daily workflows and time-sensitive scenarios. Integrated Bluetooth 5.0, vibration alerts, and intelligent in-call noise reduction further enhance flexibility and usability, making it well-suited for environments such as logistics, manufacturing, and healthcare.



Highlights

- 2.4" 240 x 320 color screen with intuitive user interface
- Seamless roaming and switching
- HD voice and Noise Reduction
- Support custom 16 DSS keys
- One configurable PTT(push-to-talk) button for quick dial
- Support incoming call vibration
- Sturdy and reliable belt clip to move freely
- Headset connection via Bluetooth
- Signal range: 60 meters indoors, 350 meters outdoors

  (in ideal conditions)
- Up to 13 hours' talk time and up to 240 hours' standby time

  (Data from Fanvil laboratory)



Seamless Roaming | PTT key | Long Battery Life | Vibration | 1.8m drop-resistant

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Specifications

Media	Hands-free loudspeaker	2W speaker
	Microphones	2 x Mic
	Audio	Intelligent noise cancellation
		Acoustic shield
		Acoustic Echo Cancellation (AEC)
		Automatic Gain Control (AGC)
		Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE)
		Packet Loss Concealment
	DTMF	In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIP INFO
	Narrowband Codec	G.711A/U,G.729, G.729A, G.729B, G.729AB, iLBC
	Wideband Codec	G.722, Opus
User interfaces	Screen	2.4" 240 x 320 TFT color screen
		Screen saver
		Personalized background image
		Screen backlight adjustment
		Software control screen off during calls
	Keyboard	12 standard phone digit keys
		4 navigation keys and 1 OK key
		7 function keys: dial, hang-up, hands-free, phone book, mute, call transfer, DSS key
		2 volume control keys (Up/Down)
		2 soft keys
		1 Push-to-Talk (PTT) key
		White backlight keyboard
	Status indicator light	Orange, Green, Red
Phone Features	Generic	4 SIP lines
		1 Internal extension
		Vibration function
		Network time synchronization
		Personalized ringtone settings
		Volume adjustment
		Memorandum
		Voicemail (MWI)
	Call Features	Auto-Answering
		Call out / Answer / Reject
		Call waiting / Switch

		Call forwarding
		Speed Dial
		Intercom
		Anonymous Call (Hide Caller ID / Ban Anonymous Call)
		6-way Audio Conference
		Internal extension without SIP proxy
		Emergency Call
		Caller ID Display
		Do-Not-Disturb (DND) / Timed DND
		PTT One-touch call
	Phone book	1000 local contacts
		Remote phone book (XML/LDAP, 1000 entries)
		Restricted Incoming Numbers, Allowed Incoming Numbers, Restricted Outgoing Numbers
	Multi-language optional	English/ Chinese/ Traditional Chinese/ Russian/ Italian/ German/ Japanese/ French/ Hebrew/ Spanish/ Catalan/ Basque/ Galician/ Turkish/ Slovenian/ Czech/ Dutch/ Korean/ Ukrainian/ Portuguese/ Arabic/ Thai
	Call logs	600 call logs
Maintenance	Firmware upgrade	Upgrade via Manager, Upgrade via USB disk
	Troubleshooting	Capture packets through Manager
		Export logs via USB disk
Network	AH	Support 802.11ah
		Available frequency bands: Europe 863–867 MHz (Armenia and Saudi Arabia support 868 MHz)
	Signal range	Up to 60 meters indoors (in ideal conditions)
		Up to 350 meters outdoors (in ideal conditions)
	Quick network connection	Quick deployment via the reset button in W710H
		Batch deployment via the W710H web interface
	Bluetooth	BT 5.0
		Bluetooth headsets: Answer/end/mute / redial/volume adjustment
	Protocols	DHCP
		SNTP
Security	Voice encryption	SRTP
	Transmission encryption	TLS 1.2
	Wireless encryption	WPA2-PSK
	Others	Keypad lock

		Menu encryption
Interface	Type-C	USB 2.0
	Headset jack	Type-C
	Charging Port	Type-C, 2 x Contact pins
Power	Charging Methods	Charging base and Type-C charging
	DC input	5 V/2 A
	Battery Capacity	3000 mAh
	Battery life	Up to 13 hours of talk time (Laboratory data) Up to 240 hours standby time (Laboratory data)
Environmental Factors	Operating humidity	5 ~ 95% (non-condensing)
	Operating temperature	-10℃ ~ 45℃
	Storage temperature	-20℃ ~ 60℃
Physical Features	Safe Drop Height	1.8 m
	Product Weight	251 g
	Product Dimensions	160 x 53 x 16 mm
Package Features	Gift-Box Dimensions	172 x 68 x 105 mm
	Carton Dimensions	297 x 228 x 364 mm (16 pcs)
	Carton Net weight	5.808 kg
	Carton Gross weight	6.3 kg
	Package Contents	W620H Portable wireless phone
		5 V/2 A adapter
		Charging base
		Belt clip
		Rechargeable battery
		Quick installation guide
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 achieve full connection of wireless communication systems and will build a wireless communication ecosystem 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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