



W710H

LINKVIL Cordless Multi-cell System Base Station

Datasheet

The W710H is the base station for the LINKVIL Cordless Multi-Cell System, designed for medium and large offices, factories, hotels, retail stores and warehouses. It is compatible with standard IP PBXs and softswitch platforms.

A single W710H combines the Manager and base station functions, supporting up to 30 handsets and 16 simultaneous calls. Under ideal conditions, coverage reaches up to 60 m indoors and 350 m outdoors.

Additional W710H base stations can be deployed to extend coverage or connect more handsets. The system supports up to 1 Manager, 20 base stations, 300 handsets and 200 simultaneous calls, with seamless roaming and handover.

Highlights

- Up to 20 base stations, 300 handsets and 200 simultaneous calls
- Up to 30 handsets and 16 simultaneous calls per base station
- Up to 60 m indoor and 350 m outdoor coverage per base station*
- Seamless roaming and handover
- Supports firmware upgrade, configuration, contact and call-record management for connected handsets
- XML / LDAP remote phonebook
- Provision up to 1,000 contacts to each handset

* Under ideal conditions.



Seamless Roaming



Large-Capacity



Long-Distance



Auto Provision



Secure

Specifications		
System		Up to 20 base stations
		Up to 300 handsets
	Multi-Cell system	300 SIP accounts
		300 internal extensions
		200 simultaneous calls
		Per base station up to 30 handsets; 16 simultaneous calls
	Single-Cell system	Up to 30 handsets
		16 simultaneous calls
	Signal coverage	Up to 60 m indoors and 350 m outdoors (under ideal conditions.)
Roaming	Seamless roaming and handover	
Manager	Terminal management	Add / delete / import / export handsets;
		View handset information;
		Configure / upgrade handsets
	Phonebook	Local phonebook: 1,000 contacts per handset;
		XML / LDAP remote phonebook
	Call logs	20,000 entries
		Statistics: All / Incoming / Outgoing / Missed / Forwarded
Deployment	Quick deployment via device button;	
	Batch deployment via web interface	
Languages	English / Japanese / Korean / French / German / Dutch / Spanish / Italian / Polish / Portuguese / Greek / Turkish / Russian / Chinese / Traditional Chinese	
Audio	Narrowband codec	G.711a/u, G.729, G.729A, G.729B, G.729AB, iLBC
	Wideband codec	G.722, Opus
Maintenance	Auto-provisioning	FTP / TFTP / HTTP / HTTPS / DHCP option 66 / SIP PnP / TR-069
	Web management	Web management interface; web-based packet capture
	Configuration	Import / export
	Firmware upgrade	Via web interface
	Troubleshooting	Syslog; packet capture
Network	Radio	802.11ah
	Frequency band	865-867 MHz (European Union) (Armenia and Saudi Arabia support 868 MHz)
	Network speed	10/100 Mbps
	IP mode	IPv4 / IPv6 / IPv4 & IPv6
	IP assignment	Static IP / DHCP
	Network features	802.1X network access authentication
	VLAN	LLDP / CDP / DHCP VLAN / manual configuration

Security	VPN	L2TP / OpenVPN
	Protocols	UDP / TCP / TLS, RTP, STUN, DHCP, SNTP, IPv6
	Network security	Firewall
	Signaling encryption	SIP TLS / HTTPS
	Voice encryption	SRTP
	Wireless encryption	WPA2-PSK
	Authentication	Mutual authentication
	Device security	Configuration encryption; web account password protection
Physical Features	Power supply	PoE or DC 5 V / 1 A
	Power consumption	PoE: 0.75–1.14 W; power adapter: 0.489–0.775 W
	Ethernet ports	2 × RJ45: Network × 1, PC × 1 (bridge mode)
	Button	Reset button × 1
	Housing material	Plastic
	Color	Gunmetal
	Installation	Wall-mounted / desktop
	Operating humidity	5%–95%
	Operating temperature	-10°C to +45°C
	Storage temperature	-20°C to +60°C
	Product dimensions	140 × 100 × 26 mm
	Product weight	183 g
Package Features	Box dimensions	242 × 127 × 59 mm
	Quantity per carton	10 units
	Carton dimensions	320 × 274 × 262 mm
	Carton net weight	3.1 kg
	Carton gross weight	3.7 kg
	Package contents	W710H base station; power adapter; 1 × 1.5 m CAT.5E Ethernet cable; 1 × PA3 × 8 mm screw; 2 × PA4 × 30 mm screws; 2 × screw anchors; quick installation guide
Compliance	  	

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

Fanvil | LINKVIL

Fanvil Link Technology Co., Ltd.

Web: www.fanvil.com

Tel: +86-755-2640-2199

E-mail: sales@fanvil.com

Add: 13th Floor, Building 2, Runzhi R&D Center, Xin'an Street, Bao'an District, Shenzhen, China