

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

Tel: +86-755-2640-2199 E-mail: sales@fanvil.com Web: www.fanvil.com Fanvil Link Technology Co., Ltd.

Specifications

System	Multi-Cell system	Up to 20 base stations
		Up to 300 handsets
		300 SIP accounts
		300 internal extensions
		200 simultaneous calls
		Per base station up to 30 handsets; 16 simultaneous calls
	Single-Cell system	1 × W710H (Manager + Base combined)
		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

	VPN	L2TP / OpenVPN
	Protocols	UDP / TCP / TLS, RTP, STUN, DHCP, SNTP, IPv6
Security	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	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.

Copyright

Copyright © Fanvil Link Technology Co., Ltd.
All rights reserved. No parts of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, photocopying, recording, or otherwise, for any purpose, without the express written permission of Fanvil Link Technology Co., Ltd.

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 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