



Display 100

LINKVIL Smart Display

Datasheet

LINKVIL Display 100 all-in-one interactive display is designed for modern meeting and education environments, combining clarity, responsiveness, and ease of use. With a 4K Ultra HD display, it delivers sharp visuals and a wide viewing angle, while anti-glare tempered glass reduces reflections for comfortable viewing. The high-precision touch system ensures smooth, lag-free writing, enhanced by dual-pen support for real-time brainstorming and teaching. Features like wireless screen sharing, split-screen multitasking, and smart wake-on-signal enable seamless and efficient collaboration, while the customizable quick menu provides instant access to key functions for a more intuitive user experience.

Highlights

- 4mm Anti-Glare Tempered Glass: Reduces reflections and eye strain
- 4K Ultra HD Display: Full channel 4K UI rendering
- High-Precision IR Touch: Smooth, lag-free writing experience
- Wireless Screen Sharing
- Smart Wake-on-signal: Auto-activates via HDMI Network input in standby
- Split-Screen Mode: Work on dual tasks with expanded workspace
- Floating Quick Menu: Customizable shortcuts for one-tap access



Specifications

Display parameters	Screen size	100 inches
	Screen type	LCD
	Backlight type	Direct type
	Response time	8 milliseconds
	Display ratio	16:9
	Display area	2203 (width) × 1239 (height) mm
	Resolution	3840×2160
	Pixel pitch	0.57375×0.57375 (horizontal/vertical) mm
	Refresh rate	60Hz
	Color saturation	1.07G (8bits + Dithering)
	NTSC (Typ.)	72%
	Contrast ratio (Typ.)	6000:1
	Perspective	178° (horizontal/vertical)
	Brightness (Typ.)	400 nits
	Life cycle	≥ 50,000 hours
System Specifications	Operating system version	Android 16.0
	CPU	Quad core ARM Cortex-A72 + Quad core Cortex-A53CPU
	GPU	ARM Mali-G52 MC3
	NPU	Int4/int8/int16/FP16/BF16/TF32, Max. 6TOPS
	RAM+ROM	8GB RAM + 128GB internal storage
	OSD Language	Simplified Chinese, Traditional Chinese, English, Spanish, Korean, Japanese, Russian, Vietnamese, French, German, Italian, Dutch, Arabic, Indonesian, Kazakh, Polish, Portuguese, Thai, Ukrainian
	Support OPS version	OPS-C+
Speaker	Audio channel	2.0
	Power output	8Ω 2x15W
Microphone	Number of microphones	8
	Pickup distance	8 meters
Touch parameters	Identification principles	Infrared recognition
	Touch points	Android 20-point touch PC system 40-point touch maximum
	Touch accuracy	±1mm (90% area)
	Touch diameter	7mm
	Input method	Finger, Opaque pen
	Response time	≤ 5 milliseconds single point
	Minimum Identifier	≤2 mm
	Activation height	≤1 mm
	Touch resolution	32767(W) x 32767(D)
	Communication interface	USB + Serial Port
Bluetooth	Version	5.2
	Frequency	2.4GHz
	Operating range	0–10 meters (open space)
Wi-Fi	Version	Wi-Fi 6 (802.11ac/b/g/n/ax)
	Frequency	2.4GHz/5GHz
	Operating range	0–10 meters
Front panel interfaces	USB-A 3.0	2

Rear panel interfaces	HDMI input	1
	TOUCH 2.0	1
	USB-C input	1
	Button	Short press to turn on/off, long press to enter sleep mode.
	COAX output	1
	TF Card	1
	USB-A 3.0	1
	USB-A 2.0	1
	Line in (3.5mm)	1
	RS232	1
	TOUCH 3.0	1
	HDMI input	2
	RJ45 input	1
	USB-C output	1
	Line out (3.5mm)	1
	HDMI output	1
	OPS (80 pin standard)	1
Power parameters	Voltage range	100V–240V. 50HZ or 60HZ
	Maximum power consumption	≤700W
	Standby power consumption	≤0.5W
General	Wall-mounted crossbeam bracket	1
	Wall-mounted vertical beam bracket	2
	6 x 50 mm white plastic expansion pipe	8
	6 x 50 mm wall screw	8
	M8 x 25mm black galvanized mechanical screw	4
	M5 x 100mm screws	2
General	Product Dimensions	2271×1379×105 mm (length × width × height)
	Packaging dimensions	2360×1490×220 mm (length × width × height)
	Unit + Wall Mounting Thickness	130 mm
	VESA Hole Position Diagram	1048x590 mm (Length × Width)
	Wall mounting screw specifications	M8×25 mm
	Net weight	90KG
	Gross weight	116KG
	Operating temperature	0°C–40°C
	Operating humidity	10%–90%RH
	Storage temperature	-20°C–60°C
	Storage humidity	10%–90%RH
	Maximum operating altitude	≤5000 meters
	98-inch touch screen all-in-one display	
	Remote	
	Power cable	
	HDMI cable	
	Touch cable	
	Stylus	
	2 WiFi antennas	
	Wall mount kit	

	Quick Start Guide
	Safety Information and Statement
Certification	CE FCC 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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