

VES-L0804

8" Android Rugged Tablet

Features

- 8" capacitive multi-touch screen
- MTK6771 Octa-core CPU
- Android 11 (GMS optional)
- 1280 x 800 Resolution
- Support 4G
- 500 nits Brightness
- Support Front + Rear Camera

Appearance



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Revision Table

Date	Revision	Content	By
2024/01/14	0.1	First Draft	Dennis

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Specification

Core	Processor	MTK6771, OCTA-core, 2.0GHz Processor
	RAM	4GB
	ROM	64GB FLASH
	OS	Android 11 Optional: ACT GMS
Display	LCD Panel	8" IPS LCD
	Resolutions	1280x800
	Brightness	Up to 500 nits
	Aspect Ratio	16:10
	View Angle	Wide angle up to 178°/178° (H/V)
	Touch Panel	Capacitive multi-touch
Interface	USB (OTG)	USB-C 2.0
	SD Card	Support slot up to 256GB
	SIM Card	Support micro-SIM card slot
	ACC	8-30V
	GPIO	0-5V input, 0-3.7V output
	RS232	COM1, COM2
	RJ45	GbE LAN
Connectivity	WiFi	802.11a/b/g/n/ac, 2.4G&5.8G
	Bluetooth	4.2
	Cellular	2G/3G/4GGSM: B2/B3/B5/B8WCDMA: B1/B2/B5/B8CDMA2000LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28A/B28B,B12/B13/B14/B66/B71 LTE-TDD: B38/B39/B40/B41
	Other	Support GPS, GLONASS

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Specification

Audio	Speaker	2x Speaker, 1.2W/8Ω, IP67
	Ports	IP67 earphone & mic
Cameras	Front Camera	5 MP
	Rear Camera	13 MP
Battery	Capacity	10000mAh, 3.8V lithium battery; 10 hours under standard operation
	Indicator	1x Dual colour (Red & Green)
	Indicator operation	<10%, flashing red; charging, red; >90%; green.
Power/ Pogo Pin	Power Input	DC5V/ 3amp
		Pogo charging
	Pogo Pins	12 PIN for USB & Charging signals
Indicators & Buttons	Indicator	Power
	Buttons	Power, Volume+, Volume-, Function Keys x2
Mechanical	Dimensions	226 x 145.6 x 21.8 (mm)
	Weight	Approx. 550g

Environment Compliance

Environment	Operating Temperature	-20°C to +60°C
	Storage Temperature	-30°C to +70°C
	IP Rating	IP67

Environmental performance may vary according to the integration method or final integration scenario.

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Deliverables

1	8" Android Rugged Tablet
2	Power Adapter

Ordering Information

Model Name	Description	Unit
VES-L0804	8" Android Rugged Tablet	1

Optional Accessories Ordering Information

Model Name	Description	Unit
VES-M0801	VES-L0804 8" Android Rugged Tablet VESA docking station	1

Remarks:

- 1) VES-M0801 is designed for the integration with VES-L0804, which may not be compatible with other docking station.
- 2) For any customized features, please contact ACT for further information.
- 3) VES-L0804 & VES-M0801 are products of Taiwan.
- 4) Specifications are subjected to change without prior notice.

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Integration Reference



Above integration is using VES-L0804 8" Tablet & VES-M0801 Docking Station