

VES-L0701

7" Rugged Android Tablet

Features

- 7" Multi-point Capacitive Touch Screen
- 7" Digital IPS Panel, 1280 x 800, 800nits
- Octa-core A53 2.0GHz+1.5GHz
- DC 8-36V
- 3.7V, 5000mAh Battery
- Android 11.0 (GMS)
- IP67, operating temp -10°C to +65°C

Appearance



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Revision Table

Date	Revision	Content	By
2023/11/9	0.1	First Draft	Zoe
2023/11/20	0.2	Add Remark in the battery	Dennis

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Specification

CPU		Octa-core A53 2.0GHz+1.5GHz
OS		Android 11.0 (GMS)
GPU		GE8320
RAM		LPDDR4 4GB
ROM		64GB
LCD		7 inch Digital IPS Panel, 1280 x 800, 800nits
Screen		Multi-point Capacitive Touch Screen
Audio		Integrated Microphone, Integrated speaker 2W
GNSS		GPD, GLONASS, BeiDou
2G/3G/4G	North America Version	GSM: 850MHZ/900MHZ/1800MHZ/1900MHZ
		WCDMA: B1/B2/B4/B5/B8
		LTE FDD: B2/B4/B7/B12/B17
	EU Version EMEA/ Korea/Thailand	GSM: 850MHZ/900MHZ/1800MHZ/1900MHZ
		WCDMA: B1/B2/B4/B5/B8
		LTE FDD: B1/B3/B7/B20/B28 LTE TDD: B38/B39/B40/B41
WiFi		802.11a/b/g/n/ac; 2.4GHz & 5GHz
Bluetooth		Integrated Bluetooth5.0 (BR/EDR+BLE)
NFC		Supports Type A, B, FeliCa, ISO15693
Sensor		Acceleration, Gyro sensor, Compass, ambient light sensor
Interface		1x USB-C (can not be used simultaneously with USB Type-A on the device) 1 x Micro SD card, Support up to 512G 1 x Micro SIM Card slot, 1.8v / 2.95v Standard 3.5 mm earphone connector POGO PIN x 24

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Specification

Type-C	(can not be used simultaneously with USB Type-A on the device)
Micro SD Slot	1 x Micro SD card, Support up to 512G
Sim Socket	1 x Micro SIM Card slot, 1.8v / 2.95v
Ear Jack	Standard 3.5 mm earphone connector
Docking Connector	POGO PIN x 24
Camera (Optional)	Front: 5.0megapixel camera (optional) Rear: 16.0megapixel camera (optional)
Power	DC 8-36V
Battery	3.7V, 5000mAh battery Remark: Under 40% brightness, with 4G, can support more than 8 weeks
GMS	Certified by Google GMS. Google Service keys pre-written in the OS.

Environmental Performance

Drop test	1.5m drop-resistance
IP rating	IP67
Vibration test	MIL-STD-810G
Operating temperature	-10°C ~ 65°C (14°F ~ 149°F)
Storage temperature	-20°C ~ 70°C (-4°F ~ 158°F)
Docking Station	7" Vehicle Docking Station with DC power Input
Power	DC8-36V

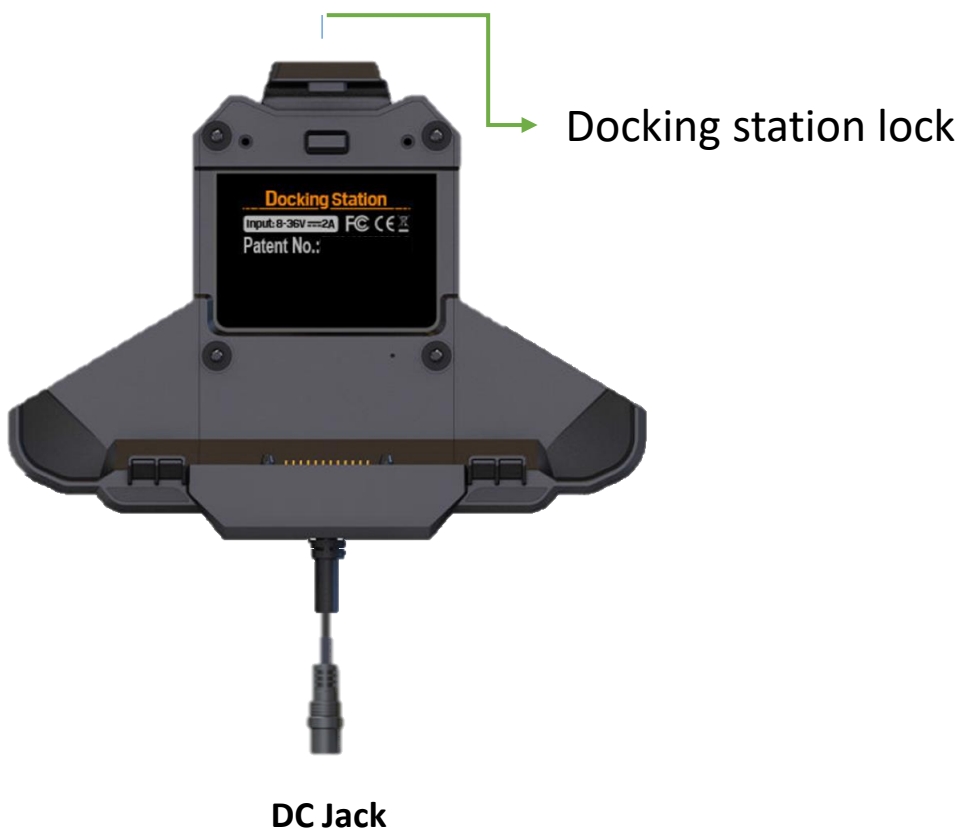
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Standard Accessory

Standard DC Charge Vehicle Dock

- Security Lock
- 1.912 RAM Mount
- VESA 75MM
- Strong and Stable
- POGO Pins Connections
- 8-36VDC Input



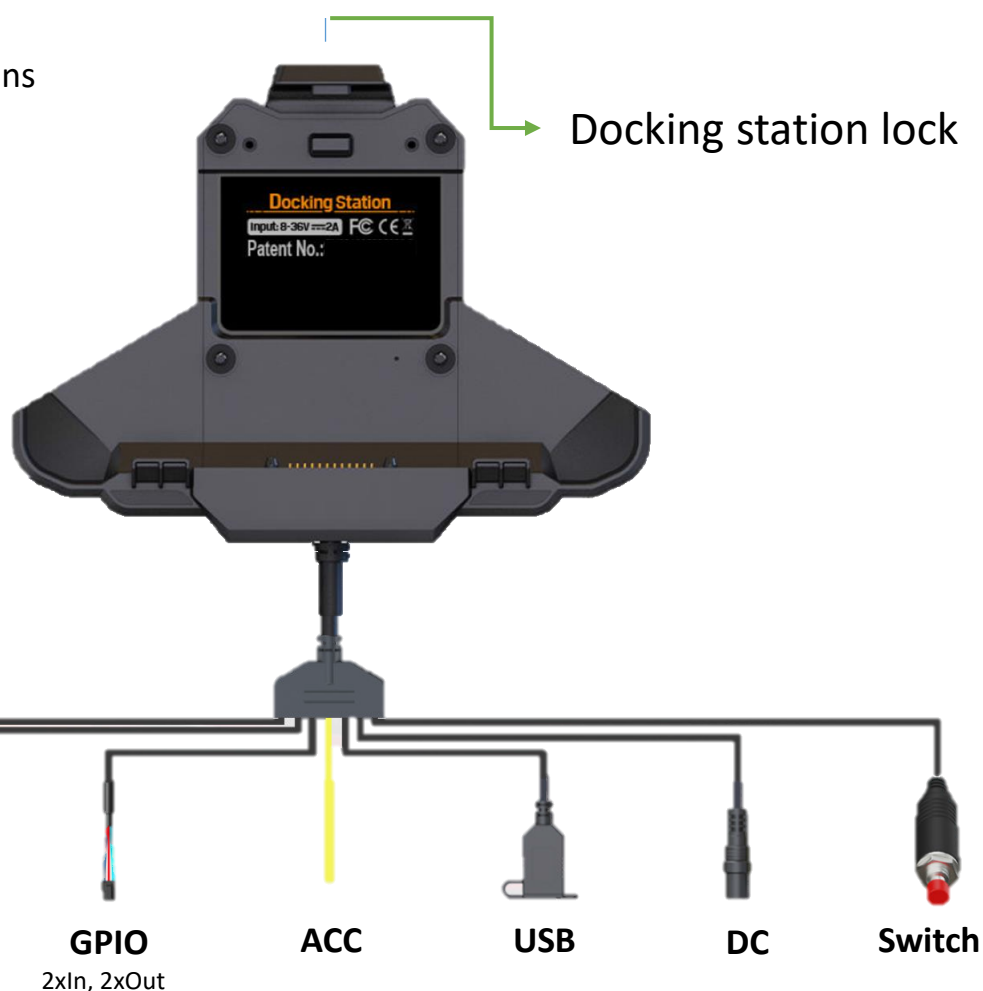
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Optional Accessories

**Advanced Multi Interface Vehicle Dock
(Optional upgrade from standard dock)**

- Security Lock
- 1.912 RAM Mount
- VESA 75MM
- Rich Interfaces
- Strong and Stable
- POGO Pins Connections
- 8-36VDC Input



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Optional Accessories

Desktop Dock



Desktop Support



USB

DC
LAN
COM

Other Accessories



Power Adapter



RAM1" Double Ball Mount
with Backing Plate

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Deliverables

1	7" Rugged Android Tablet
2	Allen Wrench, Screws for RAM, SIM card plug
3	USB to Type-C Cable
4	DC Charge Vehicle Dock
5	Desktop Dock (Optional)
6	Power Adapter (Optional)
7	RAM 1" Double Ball Mount with Backing Plate (Optional)

Ordering Information

Model Name	Description	Unit
VES-L0701	7" Rugged Android Tablet, Allen Wrench, Screws for RAM, SIM card plug, USB to Type-C Cable, DC Charge Vehicle dock	1
Optional Accessories		
VES-L0701-VD	Advanced Multi Interface Vehicle Docking (Optional upgrade)	1
VES-L0701-DD	Desktop Dock	1
VES-L0701-PA	Power Adapter	1
VES-L0701-BM	RAM 1" Double Ball Mount with Backing Plate	1