

# VL16 Pro SPEC.

Picture



highlights

- 1: Dual CPU, 4G+BLE+sensor, Save power when getting health data frequently
- 2: Ultra high performance and power save: 1GHZ CPU+128MB RAM Run on a RTOS
- 3: Global Roam Connection 2G+3G+4G +WIFI Field Test Cover: 130+ Countries 200+ Carriers
- 4: Comprehensive health sensor and Dual color Optical lens: PPG+SPO2+Temperature

Spec

Model Name	VL16 PRO
Bluetooth version	BLE 5.0 can be used as indoor location
Waterproof	IP66
watch OS	RTOS Thread X
LCD	1.0 inch TFT 128*64 resolution
CPU	Unisoc W307 Cortex A53 1Ghz+ GR5515 (BLE chip as sensor Hub)
GPS chip	W307
GPS antenna	LDS
GSM antenna	LDS
heartrate sensor	
SPO2 sensor	PAH8009 or TBD
Blood pressure	
Temperature sensor	NST117
3D accelerator	DA217 or TBD
Frequency band	GSM 850/900/1800/1900mHz 3G WCDMA : Band1、 Band8 LTE B1 B3 B5 B7 B8 B9 B19 B20 B28 B40 B41
SIM card	nano, compatible with e-sim
Charge port	Magnetic 2 pin
Button	one SOS/Power key
Dimension	55x31x14.8mm
Available color	Black, White (for bulk order of min. 3k only)
Type of battery	Lithium pollymer battery
Battery Capacity	680 mAh
Very frequent use	3~4 days
Normal use	4~5 days

Battery

<b>App</b>	Standby time with 4G	6~7 days
	Functions	Today's Date, Steps Counting, Heart Rate/Blood Pressure/SPO2 temprature/Monitor, GPS Positioning, 2-Way Call, SOS Alarm, etc.
	App platforms	Web or mobile App
	Alarm message	Low battery, SOS, gen-fence
	Watch data	Just display, no store
	Server data	Save data for past 30 days
<b>Material</b>	Watch Case	PC+ABS+LDS
	Button	Sillcon
	Strap	18mm Sport Strap(Sillcon)
	Strap buckle	PC+GF
<b>Weight and Size</b>	Product weight	40g
	Package weight	120g
	Package size (L x W x H)	90*76*71mm
<b>Packages Contents</b>	Package contents	1 x L16PO GPS Smart Watch, 1 x User Manual (English), 1 x Screwdriver, 1 x Pin, 1 x EU/UK adaptor, 1 x Gift Box

<b>Spec</b>	<b>Model Name</b>	VL16
	Frequency band	GSM 850/900/1800/1900mHz
		LTE B1 B3 B7 B8 B20 B38 B39 40 B41
	Bluetooth	No BLE
	WIFI	2.4G 802.11b

In addition to the above hardware is different, L16PRO has

## VL16 PRO

GSM 850/900/1800/1900mHz

3G WCDMA : Band1、 Band8

LTE B1 B3 B5 B7 B8 B9 B19 B20 B28 B40 B41

BLE used for indoor location and sensor hub

2.4G 802.11b/g/n, can used to connect with Router

higher speed CPU, larger memory, and better firmware support for roaming