V-16 Specifications

Basic Parameters

Operating Temperature
0℃ ~ 50℃

Relative Humidity
< 90%

Atmospheric Pressure
86 ~ 106KPa

Ambient Illuminance
Natural light or fluorescent light: 200 ± 50 lux

PCB Material
FR-4

Enclosure Material
ABS / Zinc Alloy

Power Supply
3.7V / 300mAh Lithium Battery

Infrared Wavelength
940 ± 50nm

Carrier Frequency
IR: 37.9K ± 0.5KHZ
BT: 2400 - 2480MHZ

IR Mode Operating Current
≤ 25mA

Wireless Mode Operating Current
≤ 8mA

Standby Current
Disconnected: ≤ 3 μA, Long connection: 10 – 200 μA fluctuating, During data transmission: ≤ 800 μA

Operating Voltage Range
2.75 - 4.3V

Effective Range (Axial Direction)
≥ 8m

Transmission Angle (Tested)
±15° ≥ 4m

Low Voltage (3.0V) Effective Range
≥ 6m

Key Durability
≥300000 presses