TBBD01 Specifications

Product Description

Model	**TBBD01**
Category	**Brilliant Diamond Health Smart Ring**

Spotlight	1. Elegant Fashion Design on Finger	Specially fashion design for women, noble and elegant, comfortable to wear.
	2. Health Management	7*24hrs health monitor, sleep management and sleep quality assessment, daily sport and fitness anlysis.
	4. IP68 waterproof	IP68 waterproof design. Workable for diving, swimming, washing, bath,etc.

Mechanical Specifications

Waterproof	IP68	
Outer Ring	**Brilliant Diamond**	
Inner Ring	Anti-bacterial stainless steel	8 sizes: #6, #7, #8, #9, #10, #11, #12, #13
Product Dimensions	8.5mm * 2.6mm	Width * Thickness
Package Dimensions	TBD	
Weight	5.5g	Different weight in different size

Hardware Specifications

CPU	Ultra low power consumption BT chipset	
G-Sensor	High precision accelerometer sensor	Support
PPG	High precision PPG sensor	Support
Body temperature	Accurate skin temperature sensor	Support
Memory	Storage ONE WEEK data on ring	
Bluetooth	BLE5.0	

Power Specifications

Typical Usage	4-6 days	
Standby	25 days	
Battery Capacity	16mAh	
Battery Type	Lithium Polymer	
Charger Connector	Magnetic contact charging	
Recharging Time	<1.5Hours	

APP

APP	BY QR CODE RING	Download via App Store or GMS Play Store
Mobile phone OS	Android 5.0+, iOS9.0+, Harmony2.0+	Support

Functions

Health Monitoring	Sleep monitor	Tracking sleep status, sleep quality assessment and score, sleep quality trend analysis
	Body temperature	Support
	Heart Rate	Support
	SpO2	Support
	HRV	Support
	Body recovery evaluate	Support
	Menstrual cycle prediction	Support
Activity Monitoring	Daily fitness and sport	Support
	Pedometer	Support
	Distance	Support
	Calorie	Support
	Sport	Walking, Running, Riding
Language	Language	APP support 30+ languages
Firmware Upgrade	OTA Upgrade	Via mobile APP
Other Functions	Restore Factory Default	Support
	Wear Detection	Support
	Restart	Support
	Firmware Information	Support

Environment

Operating Temperature	-20℃ to 50℃	
Charging Temperature	0℃ to 40℃	
Working Humidity	10%-90%RH (non-condensation)	
Storage Temperature	-30℃ to 70℃	
Storage Humidity	5%-90%RH (non-condensation)	

Standards

Certificates	FCC, CE, ROHS, REACH, SRRC, MSDS, UN38.3	Support