TBBD01 Specifications







Product Description			
Model	TBBD01		
Category	Brilliant Diamond Health Smart Ring		
	1. Elegant Fashion Design on Finger	Specially fashion design for women, noble and elegant, comfortable to wear.	
Spotlight	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		

Typical Usage Standby Standby Standby Standby Standby Startery Capacity Battery Type Charger Connector Recharging Time APP APP APP BY QR CODE RING Mobile phone OS Android S.0+, iOS9.0+, Harmony2.0+ Support Functions Sleep monitor SO2 Support Health Monitoring Activity Monitoring Activity Monitoring Language Firmware Upgrade Other Functions Charging Temperature Other Functions Restart Sport Wear Descention Sport Sport Sport Support Activity Monitoring Activity Monitoring Activity Monitoring Sport Sport Sport Support	Power Specifications				
Battery Capacity Battery Type Charger Connector Recharging Time APP APP APP BY QR CODE RING Mobile phone OS Android 5.0+, iOS9.0+, Harmony2.0+ Sleep monitor Functions Sleep monitor Tracking sleep status, sleep quality trend analysis Body temperature Support Heart Rate Support Heart Rate Support Monstrual cycle prediction Daily fitness and sport Support Activity Monitoring Activity Monitoring Language Firmware Upgrade Other Functions Other Functions Battery Type Lithium Polymer Actor Support Language Other Functions Environment Charging Temperature Charging Temperature Suport Storage Humidity 10%-90%RH (non-condensation) Storage Humidity 55crage Immyare Under the Support Storage Humidity Storage Innerson App App Suport Support Support Support Support Walking, Running, Riding Support Su	Typical Usage	4-6 days			
Battery Type Charger Connector Recharging Time APP APP APP BY QR CODE RING Mobile phone OS Android 5.0+, iOS9.0+, Harmony2.0+ Support Functions Sleep monitor Fracking sleep status, sleep quality assessment and score, sleep quality trend analysis Body temperature Support Heart Rate Support Heart Rate Support Brown support Menstrual cycle prediction Support Activity Monitoring Activity Monitoring Language Firmware Upgrade Other Functions Restore Factory Default Wear Detection Support Support Walking, Running, Riding Language Firmware Upgrade Other Functions Restore Factory Default Firmware Information Support Environment Operating Temperature -20°C to 50°C Working Humidity Storage Humidity Storage Humidity Storage Humidity Storage Humidity Storage Humidity Storage Humidity Storage In Marker APP Supvintown load APP Support Support Environment Standards	Standby	25 days			
Charger Connector Magnetic contact charging	Battery Capacity	16mAh			
APP	Battery Type	Lithium Polymer			
APP APP BY QR CODE RING Download via App Store or GMS Play Store Support Functions Sleep monitor Sleep monitor Sleep monitor Sleep pality trend analysis Body temperature Support Heart Rate Support Sp02 Support HRV Support Body recovery evaluate Menstrual cycle prediction Support Activity Monitoring Distance Support Spot Walking, Running, Riding Language Language Firmware Upgrade Other Functions Restart Support Wear Detection Support Support Support Support Support Support Support Pedometer Support Supp	Charger Connector	Magnetic contact charging			
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 Sleep monitor Tracking sleep status, sleep quality assessment and score, sleep quality trend analysis Body temperature Support Heart Rate Support Heart Rate Support Body recovery evaluate Support Menstrual cycle prediction Support Menstrual cycle prediction Support Pedometer Support Activity Monitoring Distance Support Sport Walking, Running, Riding Language Language APP support 30+ languages Firmware Upgrade OTA Upgrade Via mobile APP Restore Factory Default Support Terminate Information Support Support Restart Support Wear Detection Support Charging Temperature Charging Temperature O"C to 40"C Working Humidity 10%-90%RH (non-condensation) Storage Temperature Storage Humidity 5%-90%RH (non-condensation)	Recharging Time	<1.5Hours			
Support	АРР				
Sleep monitor Tracking sleep status, sleep quality assessment and score, sleep quality trend analysis	APP	BY QR CODE RING	Download via App Store or GMS Play Store		
Sleep monitor Support	Mobile phone OS	Android 5.0+, iOS9.0+, Harmony2.0+	Support		
Health Monitoring Body temperature Support Heart Rate Support Heart Rate Support HRV Support Body recovery evaluate Menstrual cycle prediction Support Pedometer Support Activity Monitoring Distance Support Support Pedometer Support Calorie Support Support Activity Monitoring Distance Support Valking, Running, Riding APP support 30+ languages Firmware Upgrade Other Functions Restore Factory Default Support Wear Detection Support Support Support Support Support Valking, Running, Riding APP support 30+ languages Firmware Information Support Wear Detection Support Firmware Information Support Environment Operating Temperature OPC to 40PC Working Humidity Storage Temperature Storage Humidity Storage Humidity Storage Humidity Standards	Functions				
Health Monitoring SpO2 Support HRV Support Body recovery evaluate Support Menstrual cycle prediction Support Pedometer Support Daily fitness and sport Support Pedometer Support Calorie Support Sport Walking, Running, Riding Language Language APP support 30+ languages Firmware Upgrade OTA Upgrade Via mobile APP Restore Factory Default Support Wear Detection Support Wear Detection Support Pedometer Support Support Support Support Support Support Other Functions Restart Support Firmware Information Support Charging Temperature -20°C to 50°C Charging Temperature O°C to 40°C Working Humidity 10%-90%RH (non-condensation) Storage Temperature -30°C to 70°C Storage Humidity 5%-90%RH (non-condensation)		Sleep monitor			
Health Monitoring SpO2 Support HRV Support Body recovery evaluate Support Menstrual cycle prediction Support Pedometer Support Pedometer Support Calorie Support Sport Walking, Running, Riding Language Language APP support 30+ languages Firmware Upgrade OTA Upgrade Via mobile APP Restore Factory Default Support Wear Detection Support Other Functions Restart Support Environment Operating Temperature -20°C to 50°C Charging Temperature O°C to 40°C Working Humidity 10%-90%RH (non-condensation) Standards Standards		Body temperature	Support		
HRV Support Body recovery evaluate Support Menstrual cycle prediction Support Pedometer Support Pedometer Support Calorie Support Sport Walking, Running, Riding Language Language APP support 30+ languages Firmware Upgrade OTA Upgrade Via mobile APP Restore Factory Default Support Wear Detection Support Wear Detection Support Firmware Information Support Charging Temperature -20°C to 50°C Charging Temperature O°C to 40°C Working Humidity 10%-90%RH (non-condensation) Standards Support Standards		Heart Rate	Support		
Body recovery evaluate Support Menstrual cycle prediction Support Daily fitness and sport Support Pedometer Support Pedometer Support Calorie Support Sport Walking, Running, Riding Language Language APP support 30+ languages Firmware Upgrade OTA Upgrade Via mobile APP Restore Factory Default Support Wear Detection Support Restart Support Firmware Information Support Charging Temperature -20°C to 50°C Charging Temperature O°C to 40°C Working Humidity 10%-90%RH (non-condensation) Storage Temperature 5%-90%RH (non-condensation) Standards	Health Monitoring	SpO2	Support		
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Activity Monitoring Pedometer Support Alanguage Language Language APP support 30+ languages Firmware Upgrade OTA Upgrade Via mobile APP Restore Factory Default Support Wear Detection Support Firmware Information Support Environment Operating Temperature Charging Temperature Working Humidity Supore To 40°C Storage Temperature Storage Humidity Standards Support Standards		Body recovery evaluate	Support		
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Activity Monitoring Distance Support Support Support Support Walking, Running, Riding Language Language APP support 30+ languages Firmware Upgrade OTA Upgrade Via mobile APP Restore Factory Default Support Wear Detection Support Firmware Information Support Firmware Information Support Charging Temperature Operating Temperature Working Humidity 10%-90%RH (non-condensation) Storage Temperature Standards Standards	Activity Monitoring	Daily fitness and sport	Support		
Calorie Support Sport Walking, Running, Riding Language Language APP support 30+ languages Firmware Upgrade OTA Upgrade Via mobile APP Restore Factory Default Support Wear Detection Support Restart Support Firmware Information Support Charging Temperature -20°C to 50°C Charging Temperature O°C to 40°C Working Humidity 10%-90%RH (non-condensation) Storage Temperature -30°C to 70°C Storage Humidity 5%-90%RH (non-condensation) Standards		Pedometer	Support		
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Language Language APP support 30+ languages Firmware Upgrade OTA Upgrade Via mobile APP Restore Factory Default Support Wear Detection Support Restart Support Firmware Information Support Environment Operating Temperature -20°C to 50°C Charging Temperature 0°C to 40°C Working Humidity 10%-90%RH (non-condensation) Storage Temperature -30°C to 70°C Storage Humidity 5%-90%RH (non-condensation) Standards		Calorie			
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Restore Factory Default Wear Detection Support Restart Support Firmware Information Support Charging Temperature Charging Temperature Working Humidity Storage Temperature Storage Humidity Standards Restore Factory Default Support Support Environment Charging Temperature O°C to 50°C Working Humidity Storage Temperature Storage Humidity Standards	Language	Language	APP support 30+ languages		
Other Functions Restart Support Firmware Information Support Environment Operating Temperature Charging Temperature O°C to 40°C Working Humidity 10%-90%RH (non-condensation) Storage Temperature Storage Humidity Storage Humidity Storage Humidity Standards	Firmware Upgrade	OTA Upgrade	Via mobile APP		
Other Functions Restart Support Firmware Information Support Environment Operating Temperature -20°C to 50°C Charging Temperature 0°C to 40°C Working Humidity 10%-90%RH (non-condensation) Storage Temperature -30°C to 70°C Storage Humidity 5%-90%RH (non-condensation) Standards		Restore Factory Default	Support		
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Charging Temperature 0°C to 40°C Working Humidity 10%-90%RH (non-condensation) Storage Temperature -30°C to 70°C Storage Humidity 5%-90%RH (non-condensation) Standards	Environment				
Working Humidity 10%-90%RH (non-condensation) Storage Temperature -30°C to 70°C Storage Humidity 5%-90%RH (non-condensation) Standards	Operating Temperature	-20°C to 50°C			
Storage Temperature -30°C to 70°C Storage Humidity 5%-90%RH (non-condensation) Standards	Charging Temperature	0°C to 40°C			
Storage Humidity 5%-90%RH (non-condensation) Standards	Working Humidity	10%-90%RH (non-condensation)			
Standards	Storage Temperature	-30°C to 70°C			
	Storage Humidity	5%-90%RH (non-condensation)			
Certificates FCC, CE, ROHS, REACH, SRRC, MSDS, UN38.3 Support	Standards				
	Certificates	FCC, CE, ROHS, REACH, SRRC, MSDS, UN38.3	Support		