



Smart watch with heart rate, blood pressure, ecg (ekg) monitor function

A high-quality smart watch in an elegant design is the ideal aid to maintaining your physical condition. It is able to measure your electrocardiogram with medical accuracy (the chip performs calculation of values) and show this on the display as well as measuring heart rate variability (the HRV index). It does of course measure physical load (number of steps taken, distance travelled and calories burnt). It also monitors optimum sleep quality and measures your heart rate using the PPG method. It is also able to determine blood pressure, oxygen saturation in the body and the user's level of fatigue. The clear next generation application Wearheart ensures management of measurements and calculation of values together with other useful functions. With the aid of the measured values, the application creates a useful overall summary of the user's physical health. In combination with the watch, the application provides the user with useful warnings when they remain sitting down for too long, monitors fluid intake and is able to display notifications on the watch about incoming calls, text message received and notifications from various application such as social networks. With the aid of the GPS module in a mobile telephone, the application is also able to upload running routes to a map enabling you to share your sporting performances with friends. The watch is water resistant and dust resistant in line with the IP66 standard.

Product code: BRA040

Minimum order: on request

Availability: na dotaz

More parameters:

Smart watch. In connection with the corresponding mobile application, it provides an overview of the wearer's sporting performance and basic information about his or her physical fitness.

Elegant look and quality finish.

Sensors: Accelerometer (pedometer), Optical oximeter (measuring PPG (photoplethysmogram values) heart rate and blood pressure by sensing changes in the colour of blood-perfused and non-perfused skin), Touch sensing electrodes (ECG).

Phone connection and data transfer: Bluetooth transfer protocol, pairing only at the application level (the band is paired only using the corresponding function in a pre-launched application), automatic and manual synchronization of obtained data with a mobile phone application, transfer of notifications and messages.

Control interface: colour touchscreen, 1.3"

Operating system: iOS 8.2 and higher, Android 4.4 and higher

Bluetooth version: 4.0 or higher

Water resistance: IP67

GPS: location detection using a paired mobile phone

Battery: Li-Pol 230 mAh

Power supply: power cable (USB-A - magnetically secured clip)

Battery life: up to 5 days

Material: TPU, plastic

Control application: WearHeart

Features: Pedometer, calculation of calories burnt, calculation of distance walked

Sleep monitor

Heart rate measurement


Blood pressure measurement (PPG)

Electrocardiogram (ECG)

HRV health index (overall health status based on HRV values - variation in heartbeat frequency)

Transfer of SMS, incoming call notifications, notifications of received application messages,

alarms, excessive sitting alerts and drinking regime reminders

Capacity	NO CAPACITY,		
Colour			
Dimensions and packaging		Printing options	
Dimensions:	260 x 43 x 10 mm	Printing options	
Weight:	39 g	Printing material	TPU
Standard box:	On request		
Dimensions of the box:	On request	Maximum printing dimensions (front):	On request
Weight including the box:	143 g	Maximum printing dimensions (back):	On request
Packaging information:	On request	1000K0Z, s.r.o Verichova 1145/33 152 00 Praha 5 - Hlubočepy	
HS code:	On request		