

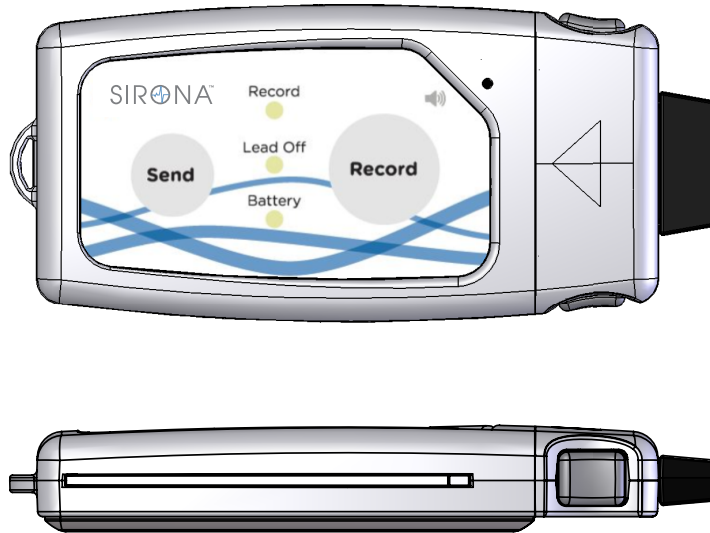
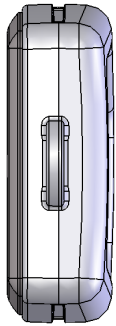
# SIRONA™

A lighter, thinner Holter and Event Recorder designed for patient comfort. Sirona provides high fidelity data acquisition for accurate ambulatory monitoring with wireless communication into iOS or Android mobile devices and into the Cloud.

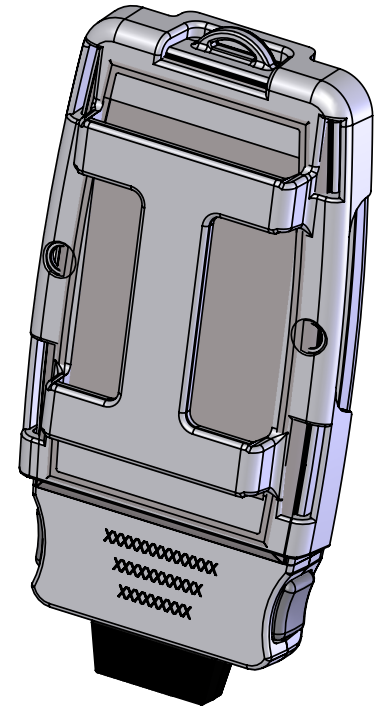
## Product Features

- Flexible design to support a 4 in 1 device
- Holter mode can record 1-14 days
- Wireless Event mode can record up to 30 days
- Patient can wear device with 2 CH body worn patch with no cables to improve patient comfort for both Holter and Wireless Event
- Simply place Sirona to chest or place finger on post event accessory to record an ECG strip for specified period of time
- Confirm ECG hookup easily and configure device via Bluetooth® technology with iOS/Android smart devices and PC. Bluetooth range up to 100 meters
- Fast USB data transfer to analysis software and recharging via USB 2.0
- Automatic arrhythmia detection for Bradycardia, Tachycardia, Atrial Fibrillation and Cardiac Pause for up to 30 days in Event Recorder Mode
- Event data will be transmitted with wireless communication for immediate analysis and attention
- Event data can be transmitted via USB or transtelephonically to software for review
- Thin, lightweight recorder weighing only 2.1 oz (59g) can be worn discretely
- 1, 2 or 3 channels of diagnostic ECG
- 20" or 39" cable lengths are available, for patient comfort
- Rechargeable battery improves cost of ownership over the life of the device
- Will operate in dusty conditions and will resist water (IP54)





Mechanical View



Belt Clip Accessory

## General Specifications:

Input impedance:  $\geq 10 \text{ M}\Omega$   
 AC signal range:  $\pm 5 \text{ mV}$   
 DC signal range:  $\pm 300 \text{ mV}$   
 Bandwidth:  $0.05 \text{ Hz} - 40 \text{ Hz}$   
 Sampling rate: 128, 256 samples/sec.  
 Resolution: 10 bits  
 Battery: Lithium Ion rechargeable  
 Memory type: Flash  
 Waterproof rating: IP54  
 Lead status: Automatic lead-off detection  
 Wireless link option: 2.4Ghz Bluetooth internal transceiver  
 Operating temperature range:  $5^\circ \text{C} - 45^\circ \text{C}$   
 Operating humidity range: 10% – 95% r.h. (non-condensing)  
 Bluetooth Range: Up to 100 meters  
 Weight: 59 g (2.1 oz), excluding cable  
 Battery life: estimated battery life is 7 days

## Holter Monitor Specifications:

2 or 3 channel recording  
 1-14 days recording length  
 Upload to PC via USB 2.0 accessory

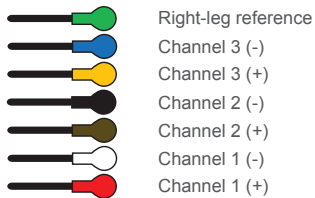
## Event Recorder Specifications:

1 or 2 channels  
 Pre-trigger length: 15 seconds – 300 seconds  
 Post-trigger length: 15 seconds – 300 seconds  
 Maximum number of events:  $> 2000$   
 Automatic arrhythmia detection: Brady, Tachy, Pause and AF  
 Wireless (iOS/Android)/USB/TTM Event Data Transmission

## Cable Options

### Holter

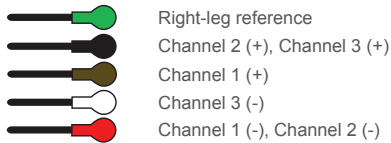
#### 3-channel / 7-lead Holter



#### 2-channel / 5-lead Holter



#### 3-channel / 5-lead Holter

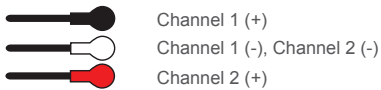


### Event

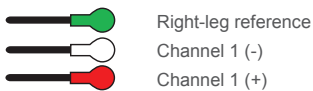
#### 1-channel / 2-lead Event



#### 2-channel / 3-lead Event



#### 1-channel / 3-lead Event



#### 2-channel / 5-lead Event



## Accessories



Patch Connector



Patch



Post-event Accessory