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1.Specification

Classification	Specification	Notes
Product Family	HeartIn Fit	
Model Number	Fit+	
Time to recording	above 3 hours	
Module Dimension (Max) (Including MicroUSB)	44.4mm x 14.2mm x3mm (L x W x H)	
PCB Dimension (Max)	43.4mm x 14.2mm x3mm (L x W x H)	
Box Dimensions	61.3mm x 45.59mm x5.5mm (L x W x H)	
Module Weight (Max)	100mg	0.004 ounces
Operating Voltage(VCC)	3.0V DC~ 4.2VDC	
Max Input Voltage Noise	10mV Peak to Peak	
ESD Protection	4kV Contact Discharge 8kV Air Discharge	Tested at ECG sensor electrode
ECG Channels	1	2 contacts (SEP,SEN)
Sampling Frequency	512 Samples per second	



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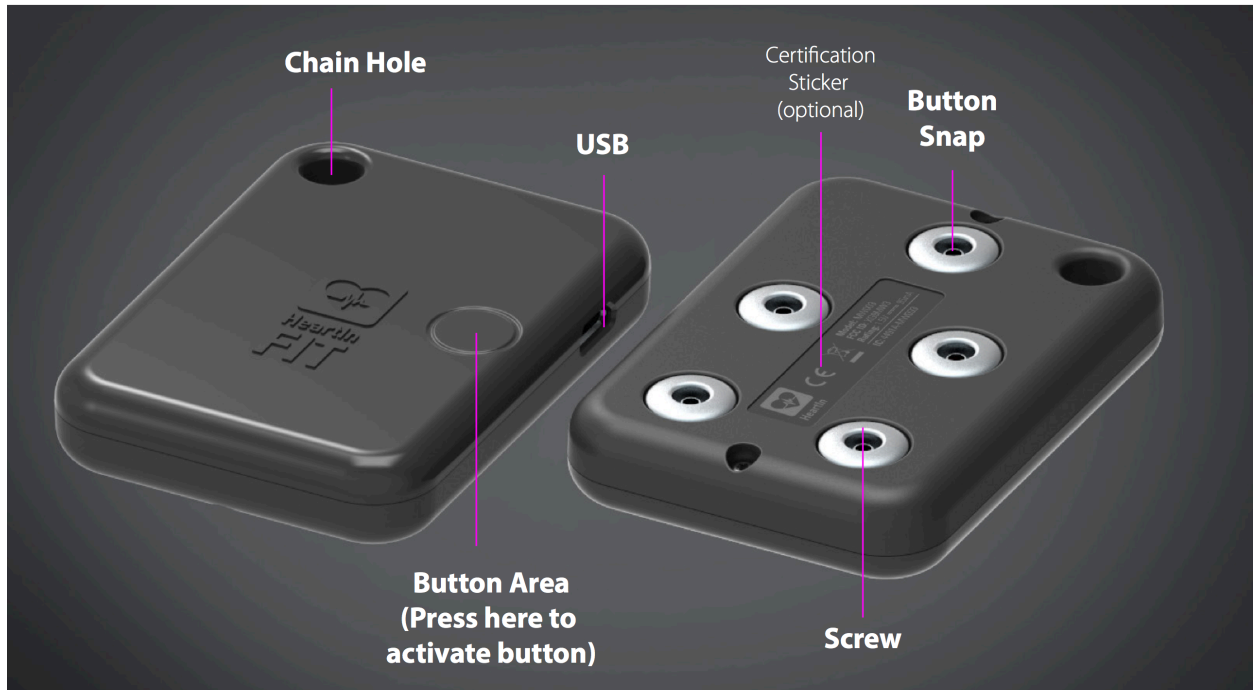
2.Device's images





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Overview



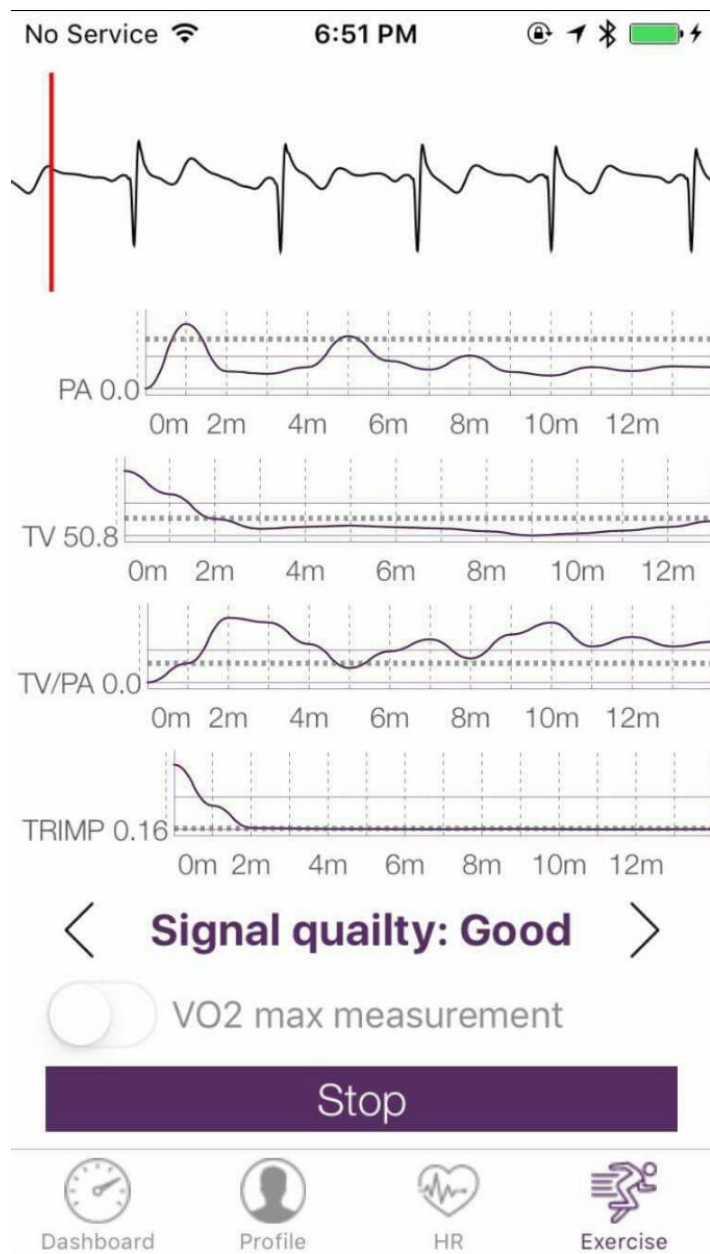
Dimensions





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3.iOS/Android application

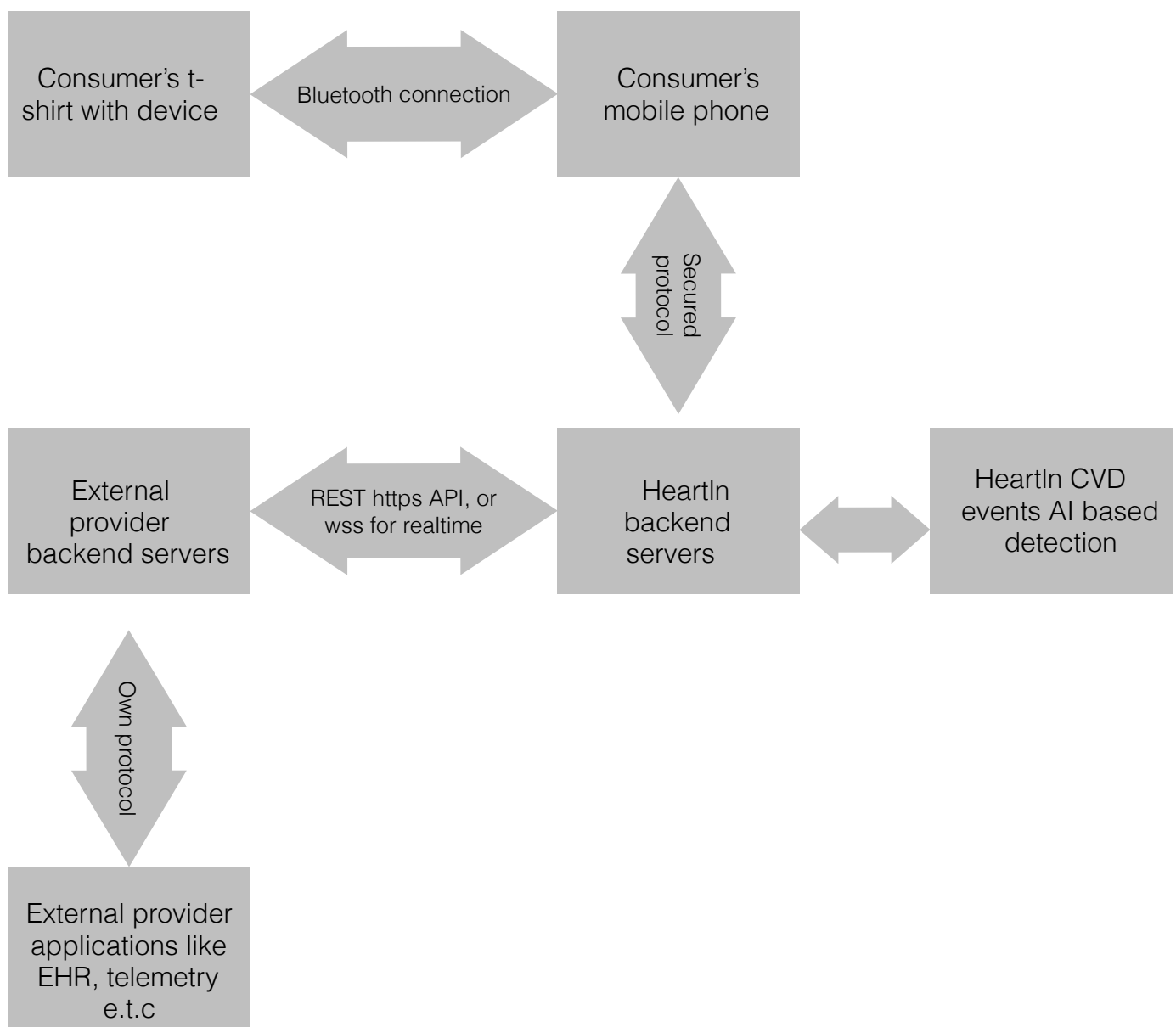




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4. Integration specifications

Here is a typical scenario of integration with external providers. We provide a 100% integration cases, where providers can get even raw signal, but also results of detection cardiovascular events. Realtime translation also possible for telemetry cases.





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5. Regulation issues

Device plus t-shirt is a medical grade ECG product. Quality there is enough to pass FDA Class II ECG certification, which is opening access to medical market. Our company now in a process with FDA application.

But, while its moving, we can still working on a wellness market. FDA have a limitation for advertisement and Mobile App description:

- we can't call device as medical in any cases
- Measurement results like Arrhythmia detection can't call as medical conclusion
- Inside app we can't tell users that this is a medical results

We can still sell device as wellness gadget and Arrhythmia detection as information service. We can inform users, that Arrhythmia was detected, export a signal arrays and graphs, and doctors can using it to confirm detection directly. Also, we can show user's a standard wellness cases like HR,HRV or smart recommendations based on it.