

# Hexoskin SDK for Android

Datatype: <https://api.hexoskin.com/docs/resource/datatype/>

## Respiration

### Raw Data channels:

<b>Thoracic signal</b>	Real Time Bluetooth Access
<b>Abdominal signal</b>	Real Time Bluetooth Access

### Data channels:

Breathingrate	Real Time Bluetooth Access
Inspiration	Real Time Bluetooth Access
Expiration	Real Time Bluetooth Access
Minuteventilation	Real Time Bluetooth Access
Tidalvolume	Real Time Bluetooth Access
Tidalvolumeadjusted	Remote Access Through API
Minuteventilationadjusted	Remote Access Through API

## Sleep

### Data channels:

Sleepphase	Remote Access Through API	Only During Sleep
Sleepposition	Remote Access Through API	Only During Sleep

## ECG

### Raw Data channels:

<b>Ecg 1 lead</b>	Real Time Bluetooth Access
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### Data channels:

Heartrate	Real Time Bluetooth Access	
Rrinterval	Real Time Bluetooth Access	
QRS detection	Remote Access Through API	
Energyadjusted	Remote Access Through API	
nnoverrr	Remote Access Through API	
Ann	Remote Access Through API	Only During Sleep
Hrvhfnorm	Remote Access Through API	Only During Sleep
Hrvhf	Remote Access Through API	Only During Sleep
Hrvlf	Remote Access Through API	Only During Sleep
Triangular	Remote Access Through API	Only During Sleep
Nninterval	Remote Access Through API	Only During Sleep

## Activity

### Raw Data channels:

<b>Acceleration, X,Y,Z</b>	Real Time Bluetooth Access
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### Data channels:

Step Count	Real Time Bluetooth Access
Cadence	Real Time Bluetooth Access
Activity	Real Time Bluetooth Access
Deviceposition	Remote Access Through API

## Quality Assessment Channels

<b>rrintervalstatus</b>	Real Time Bluetooth Access
<b>Heartratestatus</b>	Real Time Bluetooth Access
<b>Breathingratestatus</b>	Real Time Bluetooth Access

## Simultaneous Raw Data Channels

### Recording Device

<b>Hexoskin Smart BLE Device</b>	<b>1</b>
<b>Hexoskin Classic Device</b>	<b>3</b>

## Platform Availaility

**Android**

Contact our team to order Hexoskin SDK for Android:  
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[www.hexoskin.com](http://www.hexoskin.com)