

# Technical difficulties hit iWatch development

Apple is reportedly working to overcome several issues with its iWatch, which has hit snags in battery life, display technology and manufacturing processes, according to recent leaks from Asian supply chain sources

## iWATCH CONCEPT

**Sizes:** Apple working on **two watches**, one sized for men and one for women, with smaller screen dimensions

**Resolution:** Both 320x320 pixels

**Display:** Will likely have **curved touch screen** using flexible AMOLED display



**Battery:** Small 100mAh (milliampere-hour) cell. Samsung's **Galaxy Gear** smartwatch has more powerful 315mAh cell, but is also said to have poor battery life

**!** iWatch should have 4-5 day battery life but can muster only **1-2 days** due to display power consumption

Suffers weak 50% production yields because of difficulties with surface finish of **metal injection moulded chassis**

(actual sizes)



## Interface:

Small screen will be hard to navigate solely with fingers. **Siri** voice-activated user interface will likely be used too

## BELIEVED FUNCTIONS

- **Biometric sensors** monitor heart rate and show other health-related data
- Accessory to iPhone/iPad, showing **caller IDs, text messages, emails** etc.
- Allow control of **home automation systems**
- **Near Field Communication** enables swipe and pay system



## WIRELESS CHARGING

**Resonant inductive coupling** could transmit electrical energy to iWatch and keep small battery topped up



**Resonance transformer**

**1m range**

