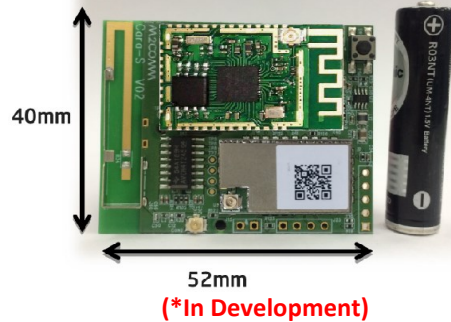


# UPLYNX XS8001 Tracker Cara-XW(WiFi)

## One Tracker for Sigfox Global Network

Cara-XW



### Feature :

- \* One Tracker for Sigfox **RC12345** Compliant
- \* Integrate WiFi Module / G-Sensor / Temperature Sensor / Battery Sensor without Extra MCU
- \* Antenna for Sigfox / WiFi on Board
- \* Ultra Low Power WiFi Solution(\*Cara-XW)
- \* **Module-On-Board Design Support**

### Battery Life :

Report Rate	1 / Day		6 / Day		24 / Day	
Zone	RC1/3/5	RC2/4	RC1/3/5	RC2/4	RC1/3/5	RC2/4
<b>Cara-XW</b>	<b>2.56yrs</b>	<b>2.73yrs</b>	<b>1.69yrs</b>	<b>2.26yrs</b>	<b>0.76yrs</b>	<b>1.39yrs</b>

(\* Testing Condition : 25°C / Class 0 / AAA \* 2 / 1000mAh)

### Interface :

Pad Name	IO	Function
UART_TX	O	UART TX data (9600bps) to host UART Receiver
UART_RX	I	UART RX data (9600bps) to host UART Transmitter
GPIO	IO	External Button
JDAT	I	JTAG Interface DAT
JCLK	I	JTAG Interface CLK

### Support RC12345 :

- \* Sigfox verified Modem Module

### Wi-Fi :

- \* Ultra Low Power
- \* High Sensitivity
- \* AT-Command
- \* Antenna on Board

### G-Sensor Detection :

- \* 6D/4D Orientation
- \* Free-Fall and Motion

### Temperature Sensor :

- \* -30°C ~ 85°C
- \* ±1°C Accuracy

### Battery Sensor :

- \* Low Battery Detection

### Others :

- \* Embedded Powerful MCU
- \* Data Log Recording
- \* Watch Dog Function
- \* Power Saving Engine

### SDK Available :

Lib v2.2.3

### Operating Temperature :

- \* -40°C ~ 85°C

### Module-On-Board Design Support for Customization

Elite Semiconductor  
Memory  
Technology Inc.  
NO. 23, Industry E. Rd.  
IV, Hsinchu Science

