

## Model Description

FCC ID : APYHRO00059

Model Name : 816SH

Type of Emission : 247KGXW

Brand Name : SoftBank by SHARP

Type of Equipment : WCDMA & Tri-band GSM Dual Mode Mobile Phone / Bluetooth Enable

## Specification

Items		
MAIN SPECIFICATION	Frequency Band(WCDMA & GSM)	WCDMA : Tx 1922.6 to 1977.4MHz Rx 2112.6 to 2167.4MHz 900MHz : Tx 880.2 to 914.8MHz Rx 925.2 to 959.8MHz 1800MHz : Tx 1710.2 to 1784.8MHz Rx 1805.2 to 1879.8MHz 1900MHz : Tx 1850.2 to 1909.8MHz Rx 1930.2 to 1989.8MHz (WCDMA & GSM900/1800MHz Band do not operate in USA)
	Frequency Band(Bluetooth)	TX/RX : 2402 to 2480MHz
	Tx Power(WCDMA & GSM)	WCDMA 24dBm+1dB/-3dB 900MHz 33dBm±2dB 1800MHz 30dBm±2dB 1900MHz 30dBm±2dB
	Tx Power(Bluetooth)	+4dBm, Class2
	Type of Modulation(WCDMA & GSM)	WCDMA : G1A, G1B, G1C, G1D, G1E, G1F, G1X, G7W GSM : GMSK
	Type of Modulation(Bluetooth)	GFSK
	Transmission Technology	DS/CDMA,FDD(for WCDMA), FDMA/TDMA (for GSM), FHSS(for Bluetooth)
	GPRS	Class B, Class 10 (Total 5slots, TX:max 2 / RX: max 4)
	Antenna(WCDMA & GSM)	Integrated Antenna : L Type Antenna
	Antenna(Bluetooth)	Integrated Antenna : L Type Antenna
	SIM	Plug-in 3V SIM card slot
	SD	microSD Memory Card
	Display	
	Main LCD	2.2inch, 262K color TFT, 240(W) x 320(H) dots with Backlight
	Incoming LED	2 Colour LED (Green/Red)
	Camera	
	Resolution	(Main) C-MOS 2M pixel (Sub) C-MOS 110K pixel
	WAP Browser	WAP ver. 2.0
	Battery/ Talk time	
	Capacity	800mAh
Battery type	Rechargeable Lithium-Ion Battery	
Target standby time	TBD	
Target talk time	TBD	
Dimensions		
Target size	101(H) x 47.8(W) x 15(D)mm	
Target weight	90g	
Key Layout	Front: Left Soft Key, Right Soft Key, Navigation Keys, Select Key, Send Key, End/Power Key, Clear/Back Key Body: 0 - 9 Numeric Key, * and # Keys, Custom Keys, PTT Key, Shutter Key, Volume UP/DOWN Keys.	
External I/F	Bluetooth	ver 2.0 (Headset/Handsfree/Dial-up/Obkect push)
	Headset connector	For Stereo Headset (10 pins)
	MCPC connector	For USB Cable or AC Charger
	SIM card terminal	1 slot
	SD Card connector	For microSD card (1 slot)
	Integrated charger circuit	
Accessory	AC Charger	Input AC 110 to 240V Output DC 5.2V
	Battery	DC3.7V 800mAh
	Stereo Handsfree(Headset)	Optional Accessories
	USB Data Cable	Optional Accessories
	Cigarette Lighter Charger	Optional Accessories(Input DC 12V/24V Output DC 5.2V)
	Handsfree Microphone Unit	Optional Accessories