

Model Description

FCC ID : APYHRO00145	Model Name : SH-10C
Destination : Japan Market only	Brand Name : NTT DoCoMo
Emission Type : GSM ----- GXW : WCDMA ----- F9W	Type of Equipment : Five Band WCDMA(FDD I / V / VI / IX / XIX) and Tri-band GSM(900/1800/1900) Dual mod Cellular Phone with Bluetooth,W-LAN,FeliCa and GPS.

RF-section

Items		
Cellular Phone	Technical Specification	3GPP Release 6
	Frequency Band	WCDMA 850MHz(band V) : Tx 826.4 to 846.6MHz Rx 871.4 to 891.6MHz 800MHz(band VI) : Tx 832.4 to 837.6MHz Rx 877.4 to 882.6MHz 1700MHz(band IX) : Tx 1752.4 to 1782.4MHz Rx 1847.7 to 1877.4MHz 2000MHz(band I) : Tx 1922.6 to 1977.4MHz Rx 2112.6 to 2167.4MHz 800MHz(bandXIX) : Tx 832.4 to 842.6MHz Rx 877.4 to 887.6MHz NOTE: Band I, Band VI, BandIX and BandXIX do not operate in USA
	Tx Power	GSM 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 NOTE: GSM900/1800MHz Band do not operate in USA
	Transmission Technology	WCDMA : 24dBm+1dB/-3dB
	Data Transmission	GSM 900MHz : 33dBm±2dB(GSM/GPRS) 1800MHz : 30dBm±2dB(GSM/GPRS) 1900MHz : 30dBm±2dB(GSM/GPRS)
	Voice Codec	WCDMA : DS/CDMA, FDD, T/HCDMA GSM : TDMA/FDD
	Antenna	WCDMA : Category8 HSDPA(Down Link) Category6 HSUPA(Up Link) GSM : GMSK GSM GPRS : Class 8 (Total 5slots, TX: max 1 / RX: max 4)
		WCDMA : AMR GSM : EFR/ FR
Bluetooth	Technical Specification	Integrated Antenna: L Type Antenna ----- See attached file "antenna.pdf"
	Frequency Band	Bluetooth Version 2.0+EDR
	Tx Power	TX 2402MHz to 2480MHz RX 2402MHz to 2480MHz
	Type of Modulation	Class2, Nominal 0dBm (Max +4dBm / min -6dBm)
	Transmission Technology	GFSK, π /4DQPSK, 8DPSK
	Antenna	FHSS Integrated Antenna ---- See attached file "antenna.pdf" Reversed Mono-pole L-Type / Gain= 2.14dBi
W-LAN	Technical Specification	IEEE802.11b/g/n
	Frequency Band	TX 2412MHz to 2472MHz RX 2412MHz to 2472MHz
	Tx Power	11b:16.5dBm +0.8 / -7.0dB 11g / n:13.0dBm +0.8 / -7.0dB
	Type of Modulation	BPSK, QPSK, 16QAM, 64QAM
	Transmission Technology	DSSS/CCK, OFDM
	Antenna	Integrated Antenna (Common to Bluetooth Antenna)
	Personal Wireless Routers	This function does not operate in U.S.A.
RF ID (FeliCa)	Technical Specification	
	Frequency Band	NFCIP-1(ISO/IEC18092)
	Type of Modulation	13.56 -13.56MHz
	Antenna	ASK(10%) Integrated Loop Antenna

Class B Personal computer PERIPHERAL DEVICE

Items		
USB	Clock Frequency	48MHz, 480MHz
	USB Data Cable / Connector	Shielded / Unshielded

Feature

Cell Phone Feature	SIM		Plug-in 3V SIM card slot	
	Display			
		Main	3.4inch, 16,777,216 color TFT(ASV), 854x480(FWVGA) with Backlight	
		Sub	1.4inch, 1 color EL, 192x64	
	Camera			
		Main	CCD 16M pixel	
		Sub	CMOS FWVGA	
	Battery/ Talk time			
		Capacity/voltage	800mAh/ DC3.7V	
		Battery type	Rechargeable Lithium-Ion Battery	
		standby time	510h(WCDMA) / 270h(GSM)	
		talk time	220min(WCDMA) / 200min(GSM)	
	Dimensions			
		Target size	52(W) x 113(D) x 15.5(H)mm (Close position)	
	Target weight	139g		
Key Layout			I mode key ,MENU key ,Camera key ,Mail key ,Phone book key , Decision key ,Off hook key ,Clear key , On hook key ,0-9 numeric key , * key ,# key ,Multi key , 3D key and 1 side key	

Interface

External I/F	Headset connector	For Stereo Headset (10 pins)
	MCPC connector	For USB Cable or PC Link cable or AC Charger or Earphone plug Adaptor
	SIM card terminal	1 slot
	SD Card connector	For micro SD card (1 slot)
	Integrated charger circuit	The terminals of charging are for using a cradle.
	HDMI connector	For HDMI Cable.

Accessory

Accessory	Battery	Lithium-Ion,DC3.7V 800mAh
	AC Adapter	Input AC 100 to 240V Output DC 5.4V/700mA Optional Accessories
	Stereo Handsfree(Headset)	Optional Accessories
	USB Data Cable	Optional Accessories
	HDMI Data Cable	Optional Accessories