

# 5' 2.4G WIRELESS BABYCARE SYSTEM - General Specifications

**PRELIMINARY**

## 1. CAMERA

IMAGE SENSOR		1/3" CCD	Lens 4.3mm, Fixed Focus
VIEWING ANGLE OF LENS	HORIZONTAL	59 °	
	VERTICAL	46 °	
SCAN SYSTEM		CCIR Standard, 2:1 Interlaced	
SCANNING FREQUENCY	HORIZONTAL	15.625 KHz	
	VERTICAL	50 Hz	
MIN ILLUMINATION		0 Lux (with IR diodes)	
RESOLUTION		350 TV lines	
VIDEO OUTPUT		Composite 1Vp-p at 75 ohm	
MICROPHONE		Built-in condenser type	
TRANSMITTER	OPERATING FREQUENCY	2.4 ~ 2.4835 GHz	
	OUTPUT LEVEL	10mW @ 3m	
	NUMBER OF CHANNEL	2 CH	
	CHANNEL FREQUENCY for	1 CH	2.41 GHz
		2 CH	2.45 GHz
	MODULATION TYPE	FM	
	OSCILLATION	PLL SYNTHESIZER	
	AUDIO SUBCARRIER FREQUENCY	5.5 MHz	
	INPUT SIGNAL	VIDEO	1.0 Vp-p
		AUDIO	CONDENSER MIC
POWER ADAPTOR	INPUT	AC 230V 50 Hz	
	OUTPUT	DC 15V 250mA	
POWER CONSUMPTION		4 Watts Max.	
DIMENSIONS		TBD	
WEIGHT		TBD	

## 2. MONITOR

CRT		5.5" 70 ° 20mm Neck	
SCAN SYSTEM		CCIR Standard, 2:1 Interlaced	
SCANNING FREQUENCY	HORIZONTAL	15.625 KHz	
	VERTICAL	50 Hz	
RESOLUTION		400 TV lines (at center)	
VIDEO INPUT		0.5~2.0 Vp-p (Synchronous negative polarity)	
AUDIO AMP		0.5 Watts max (Speaker 16 ohms)	
SPEAKER		Built-in	
RECEIVER	OPERATING FREQUENCY	2.4 ~ 2.4835 GHz	
	LOCAL OSCILLATION	PLL SYNTHESIZER	
	OUTPUT SIGNAL	VIDEO	1.5 Vp-p
		AUDIO	300 mVp-p
	POWER CONSUMPTION	9V 220mA	
POWER ADAPTOR	INPUT	AC 230V 50 Hz	
	OUTPUT	DC 15V 1.2A	
POWER CONSUMPTION		12 Watts Max.	
DIMENSIONS		TBD	
WEIGHT		TBD	

# **FCC Warning**

## **Class B Computing Device**

### **Information to the User**

This equipment has been tested and found to comply with the limits for a class B digital device pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help and for additional suggestions.

The user may find the following booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve Radio-TV interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00345-4.

### **FCC Warning**

The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.