

1/3 INCH COLOR HIGH RESO. CAMERA



SPECIFICATIONS

1/3 INCH COLOR HIGH RESO. CAMERA

MODEL NO.: C4803-01A1 (NTSC) / C4884-01A1 (PAL) (DC12V)
C4883-01A2 (NTSC) / C4884-01A2 (PAL) (AC24V)
C4803-01A3 (NTSC) (AC110V) / C4804-01A4 (PAL) (AC230V)
C4803-01A5 (NTSC) / C4804-01A5 (PAL) (DUAL)

PICK UP DEVICE:	1/3 INCH SONY SUPER HAD CCD IMAGE SENSOR
IMAGE SIZE:	3.64 (H) x 4.82 (V) mm
PICTURE ELEMENTS:	768 x 494 (NTSC) 752 x 582(PAL)
WHITE BALANCE:	MCT-AWB (MULTI-COLOR TEMPERATURE AUTO WHITE BALANCE)
BACK LIGHT COMPENSATION:	ON / OFF
GAIN CONTROL:	AUTO
ELECTRONIC SHUTTER:	NTSC: 1/60s to 1/120,000s, PAL: 1/50s to 1/120,000s ON/OFF SWITCHABLE
SHUTTER CONTROL (A.I. MODE):	1/60(1/50) – 1/100 – 1/150 – 1/3,000
AUTO IRIS LENS CONTROL:	VIDEO OR DC DRIVE SWITCHABLE
POWER SOURCE:	DC12V, AC 24V, 110V, 230V ±10% OPTION: DUAL VOLT DC12V/AC24V ±10%
POWER CONSUMPTION:	250mA, 3 W (MAX.)
HORIZONTAL RESOLUTION:	MORE THAN 500 TV LINES
SIGNAL NOISE RATIO:	MORE THAN 48dB
VIDEO OUTPUT:	1 Vp-p COMPOSITE VIDEO OUTPUT, 75 OHMS
SIGNAL PROCESSOR:	DIGITAL SIGNAL PROCESSOR
MINIMUM ILLUMINATION:	0.1 LUX, F=1.2
GAMMA CORRECTION:	0.45
SYNC. SYSTEM:	INTERNAL
AUDIO OUTPUT:	-10dB OUTPUT (OPTIONAL)
LENS MOUNT:	C & CS MOUNT
OPERATING TEMPERATURE:	-10°C to +50°C
DIMENSIONS (WxHxD):	50x60x120mm
WEIGHT:	560g

1/3 INCH COLOR DOME CAMERA



SPECIFICATIONS

1/3 INCH COLOR DOME CAMERA

MODEL NO.: C3833-62A1 (NTSC) / C3834-62A1 (PAL)

PICK-UP SIZE:	1/3 INCH SONY CCD IMAGE SENSOR (INTERLINE)	
SIGNAL MODE:	NTSC	PAL
VERTICAL FREQUENCY:	59.94 Hz	50 Hz
PICTURE ELEMENTS:	510 x 492 (NTSC)	500 x 582(PAL)
HORIZONTAL FREQUENCY:	15.734 KHz	15.625 KHz
SYNC. MODE:	INTERNAL	
SCANNING SYSTEM:	2:1 INTERLACE	
MINIMUM ILLUMINATION:	0.05 LUX, F=1.2	
HORIZONTAL RESOLUTION:	420 TV LINES	
AUTO SHUTTER FUNCTION:	AUTO	
S/N RATIO:	MORE THAN 48dB (AGC OFF)	
GAMMA CHARACTERISTIC:	r = 0.45	
GAIN CONTROL:	AUTO	
BLACK LIGHT COMPENSATION:	AUTO	
WHITE BALANCE:	MCT-AWB (MULTI-COLOR TEMPERATURE AUTO WHITE BALANCE)	
AUTO ELECTRONIC SHUTTER:	NTSC: 1/60s to 1/100,000s, PAL: 1/50s TO 1/110,000s	
VIDEO OUTPUT:	COMPOSITE 1.0 Vp-p AT 75 OHMS	
POWER REQUIREMENT:	DC12V ± 10%	
POWER CONSUMPTION:	1.65 W (140mA)	
LENS MOUNT:	BUILT-IN f 3.6mm, F=2.0 LENS	
OPERATING TEMPERATURE:	-10°C to +50°C	
DIMENSIONS :	88(Φ) x 57(H)mm	
WEIGHT :	130g	

1/4 INCH WIRELESS COLOR SYSTEM, 2.4GHz



S P E C I F I C A T I O N S

1/4 INCH DSP WIRELESS COLOR CAMERA

MODEL NO.: C5803-17T (NTSC) / C5804-17T (PAL)

CCD Camera Specification

Type Standard	NTSC / PAL				
Pick Up Elements	1/4 Inch DSP Color CCD Sensor				
Frequency 4CH slide Switch PLL Control	CH1 = 2413MHz, CH2 = 2432MHz, CH3 = 2451MHz, CH4 = 2470MHz,	MIN	TYP	MAX	UNIT
Frequency Deviation	0°C~40°C		+/-200		KHz
RF Output Power	Vcc=9v , 50Ω LOAD	30	50		mW
Antenna	DIPOLE				
Mating area	NTSC = 3.61mm(H)x2.72mm(v)				
	PAL = 3.61mm(H)x2.70mm(v)				
Horizontal scanning Frequency	NTSC		15.73 4		KHz
	PAL		15.62 5		KHz
Vertical scanning Frequency	NTSC		59.94		KHz
	PAL		50.00		KHz
Resolution	Horizontal	380			Lines
	Vertical	420			Lines
S/N ratio	With AGC OFF		46		dB
Minimum Illumination	101x (at F2.8), 51x (at F2.0)				
Built in	Condenser MIC				
Power Source	9V DC		500		mA
Operating Temperature		+5		+35	°C
Operating Humidity		5		85	%
DP			5		%
DG			5		%
Dimensions	68mm*31mm*22mm				
Weight			29		g

2.4GHz RECEIVER

MODEL NO.: C0000-17R

Receiver Specification

Antenna	DIPOLE
Video input	RCA*1, composite video 1 Vp-p, 75Ω
Video output	RCA*2, composite video 1 Vp-p, 75Ω
Audio output	RCA*2-L, RCA*2-R
Consumption	12V, DC, 350mA
Operation Temperature	-5degree to 45 degree
Operation Humidity	5% TO 85%
Dimensions	119mm*130mm*120mm
Weight	185g

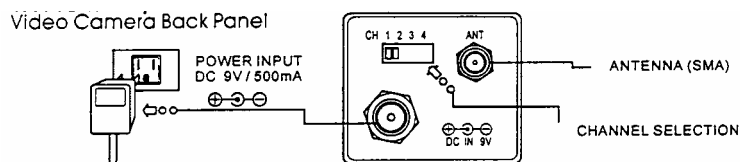
Feature

- With Built in 2.4GHz Transmitter.
- 1/4 Inch Color CCD Sensor, Built In 4.3 mm Pin Hole Lens.
- 380 TV Lines, 290.000 Pixels, 0.1 Lux/F1.2.
- 4 Channel Video+Audio Selectable.
- NTSC and PAL System Format.
- FCC Approved. CE under Processing.

Receiver User Manual:

- This unit is controlled by advanced micro processed.
- Install each camera respectively according to the camera installation procedure.
- Tilt down the DIP switch according to how many camera would be set up.
- For example, give 3 cameras would be set up, Simultaneously tilt down 3 bars in the DIP switch to match with.
- Given only 1 camera would be installed. Only tilt down 1 bar in the DIP switch to Lock on the channel.
- The monitor will auto-scan the channel signal from installed cameras, the interval Time of each channel is defaulted on 3 seconds.
- Would the particular channel be appointed, please note the DIP switch setting on Both receiver and camera should be the same while operating.

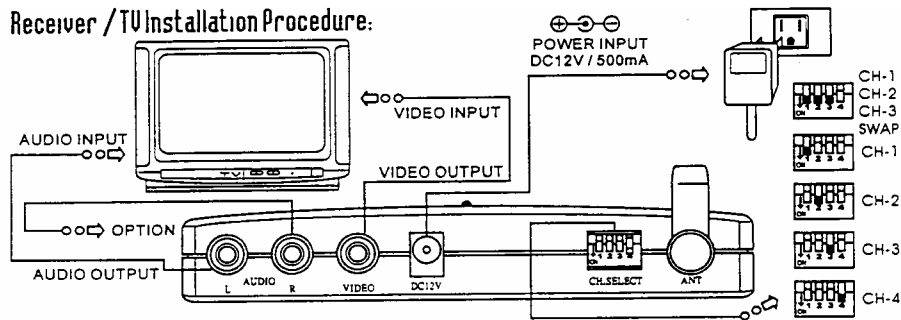
Video Camera w/Antenna Installation Procedure:



- Fasten Camera onto the mounting racking for appropriate place for installation..

- Insert antenna and power should be done.
- Transmission channel can be chosen selectively by users.
- If transmission channel is set to CH1, the receiving channel should be set to Ch1 also.

Receiver / TV Installation Procedure:



- Connect AV output on the receiver with the AV input on the TV using cable.
- Turn TV and set it to AV mode.
- Power on receiver using AV mode.
- Note: Antenna should be in place.