



## Specifications for Covert items with Color Camera

### Hardwired & Wireless Option

**Covert Hardwired video includes:**

25 ft of cable (except bag)

AC adapter

(except pager it includes a 12V battery pack)



<b>Color Board Camera</b>	
<b>I</b>	
Image Sensor	1/3 DSP color CCD camera sharp
Effective Pixels	EIA: 512(H)X492(V)
Scanning System	EIA: 525 Lines
H Resolution	380 TV Lines
Synchronizing system	Internal
Scanning system	2:1 interlaced
Video output	1.0Vp-p Composite. 75 Ohms
S/N ratio	More than 48 dB (AGC Off)`
Min. Illumination	0.05 Lux at F2.0
Shutter speed	EIA: 1/60-1/100,000 sec
Gamma correction	Y=0.45
Gain Control	Automatic
MTBF	80,000 hours
Power source	DC12V(Tolerance:9V-15V0
Operating current	100mA w/regulated power in
Lens	3.6mm Fixed iris (92 degree AOV)
Operating temperature	14degreeF ~ 122degreeF (-10degreeC~50 degree C)
Humidity	Within 90% RH
Output Terminal	4 foot BNC-Female for video, DC jack-Male for power
Weight of camera (approx.g)	30
White Balance	Standard 2100 K ~ 8200K Auto

<b>Wireless option</b>	<b>Transmitter</b>
Channel selection	PLL synthesizer, 8 Channel scroll through.
Channel selector	Push button
Modulation type	Frequency modulation (FM)
Antenna gain	1.5dBi
Output power	10dBm (FCC)
Transmitting range	10dBm @ receiving sensitivity -85dBm , 300 ft LOS
Power consumption	Less than 35mA
Power Supply	DC 9V, working voltage DC 5V
Power Supply	DC 9V, working voltage DC 5V
Power & Signal interface	Wire leads, +red, - black, video=yellow
<b>Wireless option</b>	<b>Receiver</b>
Demodulation	Frequency modulation (FM)
Sensitivity	-86dBm
Video out put level	1Vp + 0.5V @ 75, typ
Audio level output	1Vp-p + 0.2V @ 600ktyp, 3Vp-p + 0.3V @10k, typ
Video S/N Ratio	45dB, min (2~65dBm Input carrier level)
Antenna gain	2.5 dBi
Wireless includes	Transmitter & Receiver

\*LOS is dependent upon obstructions and interference from other wireless devices.



## Specifications for Covert items with Color Camera

### Hardwired & Wireless Option

<b>B/W Board Camera</b>	
Image sensor	Standard resolution 1/3 bw CCD camera
Effective Pixels	EIA: 512(H)X492(V) CCIR: 500(H)X582(V)
Scanning System	EIA: 525 Lines CCIR: 625 Lines
H Resolution	420 TV Lines
Synchronizing system	Internal
Scanning system	2:1 interlaced
Video output	1.0Vp-p Composite. 75 Ohms
S/N ratio	More than 48 dB (AGC Off)
Min. Illumination	0.05 Lux at F2.0
Shutter speed	EIA: 1/60-1/100,000 sec CCIR: 1/50-1/1000,000 sec
Gamma correction	Y=0.45
Gain Control	Automatic
MTBF	80,000 hours
Power source	DC12V(Tolerance:9V-15V0
Operating current	100mA w/regulated power in
Lens	2.9mm(120degree), 4.3mm (78degree), 6mm (54degree)
Operating temperature	14degreeF ~ 122degreeF (-10degreeC~50 degree C)
Humidity	Within 90% RH
Output Terminal	4 foot BNC-Female for video, DC jack-Male for power
Weight of canera (approx.g)	21

\*LOS is dependent upon obstructions and interference from other wireless devices.



<b>Wireless option</b>	<b>Transmitter</b>
Channel selection	PLL synthesizer, 4 channel
Channel selector	Push button
Modulation type	Frequency modulation (FM)
Antenna gain	1.5dBi
Output power	10dBm (FCC)
Transmitting range	10dBm @ receiving sensitivity -85dBm , *300- 700 ft LOS approximate range
Power consumption	Less than 35mA
Power Supply	DC 9V, working voltage DC 5V
Power Supply	DC 9V, working voltage DC 5V
Power & Signal interface	Wire leads, +red, - black, video=yellow
<b>Wireless option</b>	<b>Receiver</b>
Channel	4 channel scroll through
Demodulation	Frequency modulation (FM)
Sensitivity	-86dBm
Video out put level	1Vp + 0.5V @ 75, typ
Audio level output	1Vp-p + 0.2V @ 600ktyp, 3Vp-p + 0.3V @10k, typ
Video S/N Ratio	45dB, min (2~65dBm Input carrier level)
Antenna gain	2.5 dBi
Wireless includes	Transmitter & Receiver