



## Camera systems

**2.4 GHz wireless colour camera and camera in b/w and colour with modulator**

Easy and simple surveillance of buildings, entrances, shops, garages and stables etc. For indoor or outdoor use, in b/w or colour. Wireless or via coax-cable.

# Triax camera systems

## 2.4 GHz wireless colour camera and camera in b/w and colour with modulator



### Features:

- Solid aluminium housing
- Weatherresistant camera for indoor or outdoor use
- Camera has built-in microphone for audio monitoring
- Easy plug-and-play installation takes only minutes
- Modulator cameras available in PAL I and PAL G

### Technical specifications

TYPE	TCB 003	TCB 015	TCB 007	TCB 008	TCB 017	TCC 011WL	TCC 012WL	
Part No.	364003	364015	364007	364008	364017	364011 <sup>4)</sup>	364012 <sup>5)</sup>	
Type	B/W	B/W	Colour	Colour	Colour	Colour	Colour	
TV system	PAL-I	PAL-G	PAL-G	PAL-I	A/V <sup>1)</sup>	A/V-WL <sup>2)</sup>	WL <sup>3)</sup>	
Modulator type	DSB-UHF	DSB-UHF	DSB-UHF	DSB-UHF	NA	NA	NA	
UHF output channel	Ch. 21-69 <sup>6)</sup>	21-69 <sup>6)</sup>	21-69 <sup>6)</sup>	21-69 <sup>6)</sup>	NA	NA	NA	
UHF output level	dB $\mu$ V 85 $\pm$ 5	85 $\pm$ 5	85 $\pm$ 5	85 $\pm$ 5	NA	NA	NA	
Output power	dBm NA	NA	NA	NA	NA	10	NA	
Modulation	NA	NA	NA	NA	NA	FM	FM	
Receiver sensitivity	dBm NA	NA	NA	NA	NA	- 80	NA	
Receiver noise figure	dB NA	NA	NA	NA	NA	3.5	NA	
Output frequency range	MHz 470-862	470-862	470-862	470-862	NA	NA	NA	
Transmission frequency	GHz NA	NA	NA	NA	NA	2.4-2.483 (4 Ch.)	2.4-2.483 (4 Ch.)	
Operational range (free field)	m NA	NA	NA	NA	NA	80-100	80-100	
Audio carrier	MHz 6.5	5.5	5.5	6.5	NA	NA	NA	
Integrated mic.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
S/N ratio	dB > 48	> 48	> 48	> 48	> 48	> 48	> 48	
Image sensor	1/4 inch CMOS	1/4 inch CMOS	1/3 inch CMOS	1/3 inch CMOS	1/3 inch CMOS	1/3 inch CMOS	1/3 inch CMOS	
Lens	F 2.0/3.6 mm 90 <sup>0</sup> Wide angle	F 2.0/3.6 mm 90 <sup>0</sup> Wide angle	F 1.8/6.0 mm 64 <sup>0</sup> Wide angle	F 1.8/6.0 mm 64 <sup>0</sup> Wide angle	F 1.8/6.0 mm 64 <sup>0</sup> Wide angle	F 1.8/6.0 mm 64 <sup>0</sup> Wide angle	F 1.8/6.0 mm 64 <sup>0</sup> Wide angle	
Resolution	lines 260	260	380	380	380	380	380	
Number of pixels	pixels 352 x 288	352 x 288	628 x 582	628 x 582	628 x 582	628 x 582	628 x 582	
Min. illumination	LUX 0.5	0.5	3	3	3	3	3	
Built-in light	11 IR Leds	11 IR Leds	NA	NA	NA	NA	NA	
Auto iris electronic	sec 1/60 ~ 1/6000	1/60 ~ 1/6000	1/60 ~ 1/5000	1/60 ~ 1/5000	1/60 ~ 1/5000	1/60 ~ 1/5000	1/60 ~ 1/5000	
Operation conditions	Weatherproof outdoor (aluminium housing)							
Power consumption	mA 250	250	120	120	120	300	300	
Operating voltage	VDC 12	12	12	12	12	12	12	
Power inserter/supply incl.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<b>Power Inserter</b>								
Insertion loss	VHF/UHF in/out	dB 4	4	4	4	NA	NA	NA
	VHF/UHF+in/out	dB 20	20	20	20	NA	NA	NA
	In/out	dB 0.1	0.1	0.1	0.1	NA	NA	NA
Max. current	A 0.8	0.8	0.8	0.8	NA	NA	NA	
Dimensions (Camera only)	mm 105 x 50 x 115	105 x 50 x 115	105 x 50 x 115	105 x 50 x 115	105 x 50 x 115	155 x 60 x 52	105 x 50 x 115	
Weight	kg							

- 1) A/V = Audio/video via RCA/phono cable (included)
- 2) A/V-WL = Audio/video from receiver via SCART cable (included).  
Camera is wireless
- 3) WL = Camera is wireless
- 4) Set comprising 1 transmitting camera and 1 receiver
- 5) Stand-alone transmitting camera to add second to fourth cameras to TCC011WL set
- 6) Modulator UHF channel settable via 2-digit rotary switch (channels 21 thru 69)

#### NOTE :

When applying additional cameras to the TCC011WL set it is important that all cameras are mounted in accordance with mounting instructions.  
The operational range is highly dependent upon the technical environment, the physical building structures at hand and other wireless equipment in use.

**Simply more**  
- more simply

