

# JVC

1/3" CCD COLOUR VIDEO CAMERA

**TK-T2101RE**  
**TK-T8101WPRE**  
**TK-T8100WPRE**

## LoLux 2™

**Like the best criminals**  
Our cameras come to life at night



TK-T8101WPRE



TK-T2101RE



TK-T8100WPRE

## IR LoLux Security Cameras

Powerful new infra-red camera range



TK-T2101RE  
TK-T8101WPRE



TK-T2101RE  
TK-T8101WPRE



TK-T8101WPRE  
TK-T8100WPRE



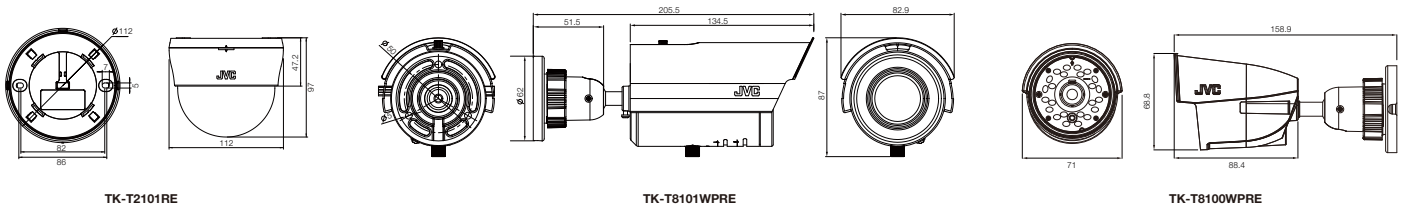
- 1/3" CCD high-resolution camera with 10-bit DSP newest generation
- 650 TVL horizontal resolution (TK-T2101RE and TK-T8101WPRE)
- Lolux sensitivity: 0.05 lux colour, 0 lux with IR LED
- Varifocal lens included (TK-T2101RE: 2.8 – 10.5mm, TK-T8101WPRE: 3.3 – 12mm, TK-T8100WPRE: 3.6mm)
- Automatic High Light Compensation for extreme white light
- Easy wide dynamic range function for backlight compensation
- Built-in motion detection and privacy mask areas
- Ultra-compact design
- IP66 rated for outdoor installation (TK-T8101WPRE and TK-T8100WPRE)
- Setup-free, easy installation (TK-T8100WPRE)
- 24VAC / 12VDC power supply

## Specifications

	TK-T2101RE	TK-T8101WPRE	TK-T8100WPRE
<b>Camera</b>			
Signal system	PAL	PAL	PAL
Image device	1/3 type High-resolution IT CCD	1/3 type High-resolution IT CCD	1/3 type High-resolution IT CCD
Effective pixels	570,000 (976H x 582V)	570,000 (976H x 582V)	440,000 (752H x 582V)
Scanning system	2:1 Interlace V: 50 Hz, H: 15.625 KHz	2:1 Interlace V: 50 Hz, H: 15.625 KHz	2:1 Interlace V: 50 Hz, H: 15.625 KHz
Sync system	Internal	Internal	Internal
Video output	Composite video signal: 1.0V (p-p), 75 ohms (BNC)	Composite video signal: 1.0V (p-p), 75 ohms (BNC)	Composite video signal: 1.0V (p-p), 75 ohms (BNC)
Video S/N ratio	50 dB	50 dB	50 dB
Horizontal resolution	650 TV lines	650 TV lines	600 TV lines
Minimum illumination (typical)	0.05 lx (50%, F1.2) 0.025 lx (25%, F1.2)	0.05 lx (50%, F1.4) 0.025 lx (25%, F1.4)	0 lx (with IR LED ON)
B&W mode	0.015 lx (50%, F1.2) 0 lx (with IR LED ON)	0.015 lx (50%, F1.4) 0 lx (with IR LED ON)	
Iris control	DC iris	DC iris	Fixed
White balance	ATW / Manual / User / Push / Push lock	ATW / Manual / User / Push / Push lock	ATW
Shutter speed	1/50 to 1/10,000	1/50 to 1/10,000	AES (1/28,000)
Day/Night	True D/N with IR cut-off filter	True D/N with IR cut-off filter	Dual band filter
Digital noise reduction	YES	YES	YES
BLC	OFF / BLC / HLC	OFF / BLC / HLC	-
AGC	AUTO / MANUAL	AUTO / MANUAL	AUTO
Motion detect	4 areas	4 areas	-
Privacy mask	Max. 8 areas	Max. 8 areas	-
IR LED	14 LEDs	28 LEDs	24 LEDs
IR wavelength	850 nm	850 nm	850 nm
IR distance	15M	20M	15M
On screen menu	English, French, German, Spanish, Russia, Portuguese, Simplified Chinese, Japanese	English, French, German, Spanish, Russia, Portuguese, Simplified Chinese, Japanese	-
<b>Lens</b>			
Focal length	2.8mm to 10.5mm, 3.75x vari-focal [100(H) x 73(V) to 24(H) x 21(V)]	3.3mm to 12mm [100(H) x 73(V) to 24(H) x 21(V)]	3.6mm
View angle	Horizontal: 101.8 (wide) to 27.4 (tele) degrees Vertical: 73.7 (wide) to 20.6 (tele) degrees	Horizontal: 89.8 (wide) to 23.9 (tele) degrees Vertical: 63.6 (wide) to 17.9 (tele) degrees	Horizontal: 72 degrees Vertical: 52 degrees
Aperture ratio	F1.2	F1.4	F2.0
<b>General</b>			
Power supply	24VAC (50Hz/60Hz) / 12VDC	24VAC (50Hz/60Hz) / 12VDC	12VDC
Power consumption	5W	7W	3W
Operating temperature range	-10°C to 50°C	-10°C to 50°C	-10°C to 50°C
Dust and water proof	-	IP66	IP66
Vandal protection	-	Vandal protected	-
Dimensions	φ 112 mm x 97 mm	φ 83 mm x 206 mm	φ 72 mm x 159 mm
Weight (approx.)	300 g	680 g	370 g

## Dimensions

Unit: mm



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