

JVC®

The Perfect Experience / —
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0.05 lx * **Super LoLux™**
(in B&W mode)

0.4 lx * **Super LoLux™**
(in colour mode)

1/3" CCD COLOUR VIDEO CAMERA

TK-C925E

(24 VAC/12 VDC)

TK-C926EG

(220 VAC to 240 VAC)

Day and Night camera with 540 TV lines resolution and IR-cut filter switching function

Display mode (CRT or LCD)



540 TV Lines
True Day/Night

IR ON/OFF function ▶ The camera's IR cut filter switches itself automatically on or off according to whether it is day or night. Thus one single camera can be used for unattended 24 hr operation, providing colour images by day and B&W by night.

- 1/3" IT CCD with 440,000 effective pixels
- 540 TV lines horizontal resolution
- Day and Night function (IR-cut filter switching)
- Super LoLux™ sensitivity
 - 0.4 lx (F1.2, AGC ON, 25 IRE, colour mode)
 - 0.05 lx (F1.2, AGC ON, 25 IRE, B&W mode)
- Signal-to-noise ratio: 50 dB (AGC OFF)
- Revolutionary integrated 10-bit digital signal processor (DSP)
- Full-featured security camera
 - Built-in camera menu
 - Various White Balance modes (2 ATW modes/AWC/Manual)
- Display mode: select CRT or LCD
- Automatic Gain Control (AGC): OFF/LOW/MIDDLE/HIGH
- Back Light Compensation (BLC): OFF/ON (4 patterns)
- Sync systems: INT/Line Lock
- Focus Adjust function
- Supports DC/Video iris lens
- C/CS mount lens-compatible
- Built in AUX terminal
- Automatic Power Detection (24 VAC/12 VDC: TK-C925E)
(220 VAC to 240 VAC: TK-C926EG)

The TK-C925E and TK-C926EG are true day/night cameras with 540 TV lines resolution. Allowing for 24-hour monitoring across a broad range of indoor and outdoor applications.

The demand for surveillance grows year by year amid increasing calls for higher monitoring sensitivity and image quality for both indoors and outdoors. The TK-C925E and TK-C926EG achieve exceptional sensitivity and image quality for 24-hour outdoor monitoring.

Super LoLux Sensitivity

The TK-C925E and TK-C926EG feature a 1/3" Interline Transfer CCD. Advanced technologies and digital signal processing deliver totally pure colour reproduction, and an excellent 50 dB signal-to-noise ratio. Furthermore, the IR-cut filter switching function realizes very low light sensitivity of 0.05 lx in the B&W mode.

Display Mode

While only CRT monitors were once used for CCTV applications, due to the recent trend toward flat panel displays, LCD monitors are now commonly used for CCTV. Therefore, JVC has incorporated CRT and

Specifications (Preliminary)

Item	TK-C925E/TK-C926EG
Pick-up Device	1/3" IT CCD
Effective Pixels	752(H) x 582(V)
Synchronization	Internal, line-locked
Line-locked Phase	Adjustable
Video output	1.0 V (p-p), 75 Ω, BNC
Horizontal Resolution	540 TV lines
Signal-to-noise Ratio	50dB (TYP) at AGC OFF
Minimum illumination	
Colour mode:	0.4 lx (25 IRE, F1.2, AGC SUPER)
B&W mode:	0.05 lx (25 IRE, F1.2, AGC HIGH)
AUX Input/Output	Input: B/W mode selection input Output: B&W/Colour output B/W: make Colour: break
Camera Menu	Built-in
Focus Adjust Switch	By menu
Gain Control	OFF/ON(HIGH/SUPER)
White Balance	ATW (wide/narrow)/AWB