

JVC®

The Perfect Experience / —
/

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)



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 LCD monitor modes into the cameras to match the camera output to the monitor used.

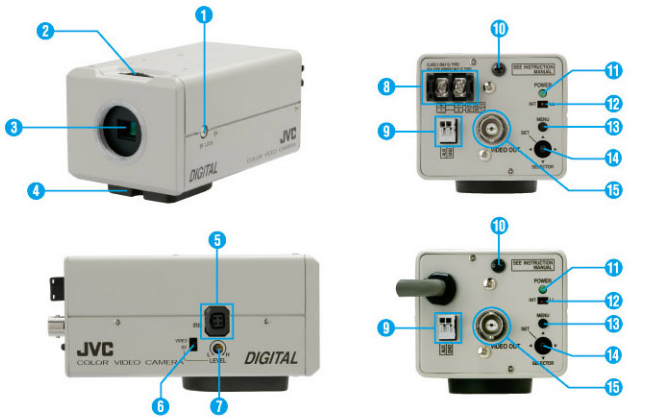
Automatic White Balance

Cameras are operated in a diverse range of environments. JVC provides two Automatic White Balance modes to handle monitoring in a variety of colour temperature conditions outdoors. White balance can also be set up manually.

Focus Adjustment Function

When the focus adjustment function is turned ON, focusing is conducted with the lens iris fully open for about 30 seconds before returning to its original position. This results in a shallow depth of field (high-speed shutter) and simplifies focus adjustment.

Controls, connectors and indicators



- 1 Back focus fastening screw
- 2 Back focus adjustment ring
- 3 Lens mount
- 4 Camera-mounting bracket
- 5 Iris terminal
- 6 Iris selector switch
- 7 Iris level adjustment dial
- 8 Power input terminal
- 9 External terminals
- 10 Mounting screw for fall prevention wire
- 11 Power indicator lamp
- 12 Selector switch for synchronizing system
- 13 Menu button
- 14 Selector switch/Set button
- 15 Video signal output connector

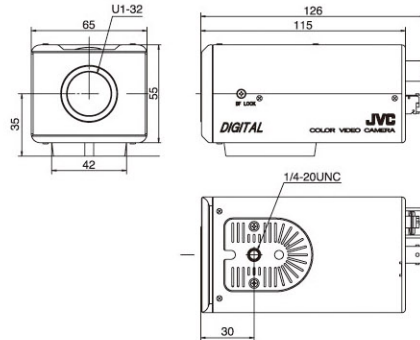
Specifications

| Item | TK-C925E/TK-C926EG |
|------------------------|--|
| Pick-up Device | 1/3" IT CCD |
| Effective Pixels | 752 (H) × 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/Manual |
| Display Mode | CRT or LCD selectable |
| Electronic Shutter | Normal (1/50 s) or AES (1/50 s to 1/10000 s) |
| Iris Level | Adjustable |
| BLC | ON/OFF |
| Auto Iris Lens Control | DC/Video |
| Lens Mount | C or CS |
| Power Source | AC24V/DC12V (TK-C925E), AC220-240V (TK-C926EG) |
| Power Consumption | 400mA (TK-C925E), 75mA (TK-C926EG) |
| Ambient Temperature | -10°C to 50°C (14°F to 122°F) |
| Dimensions | 2-1/2"(W) × 2-1/8"(H) × 5"(D) (Approx.) (65 (W) × 55 (H) × 126 (D) mm)(Approx.) |
| Weight | Approx. 480 g (TK-C925E), 700 g (TK-C926EG) |

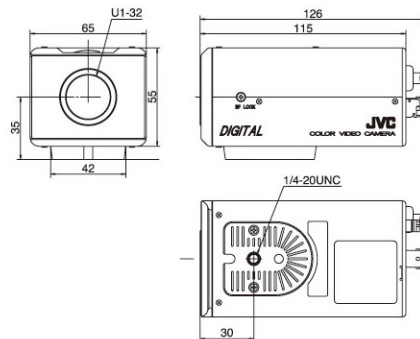
*IRE is used in the same meaning as video level.

Dimensions

Unit: mm



TK-C925E



TK-C926EG

Design and specifications subject to change without notice.



DISTRIBUTED BY



■ The Hachioji Plant of Victor Company of Japan, Ltd., has received ISO14001 and ISO9001 Certifications under the global standard for environmental management.