

## TK-C686E(A) PTZ dome 36x zoom indoor camera

540 TVL with Direct Drive Mech for high reliability.



[Description](#)

[Main features](#)

[Additional features](#)

[Technical specs](#)

[Accessories](#)

[Brochures and manuals](#)

[See all in one page](#)





## Description

JVC's new dome camera puts everything you'd want from a surveillance camera into a stylish design. The TK-C686 Series incorporates a newly developed Direct Drive Motor for its pan/tilt mechanism to ensure long-term preset position accuracy that far outshines conventional belt-type drives. It also contributes to lower operation noise, which is essential for use in hospitals, museums and other quiet environments. With its high-performance and host of intelligent features including Motion Detection, Auto Tracking, and Private Masking, the TK-C686 Series makes your surveillance system more powerful and reliable for a wide array of usage environments.

## Main features

- 36 xOptical Zoom  
Powerful enough to monitor the face and hands of the person, the Day/Night function and Super LoLux technology ensure secured night time monitoring.
- 0.01 deg.Super Accuracy  
Greatly increasing accuracy of Pan/Tilt position by Direct Drive Motor mechanism.
- Fastest / Slowest Pan Tilt operation  
The fastest Pan/Tilt movement of 400 deg/sec enables changing the position quickly, The slowest Pan/Tilt movement of 0.04 deg/sec enables observe carefully at high zoom magnifications.

## Additional features

- Silent mechanism  
Greatly decreasing operation noise of Pan/Tilt movement by DirectDrive Motor mechanism.
- One-touch Lock Easy installation  
Quick and easy installation and maintenance by One-touch Lock mechanism. No need to secure it to the bracket with screws.

## Technical specs

Image pickup device:

1/4 Interline CCD, 430000 pixels

Video output:

Composite video signal:1.0V (p-p) 75ohms

S/N ratio:

50 dB (AGC on)

Horizontal resolution:

540 TVL

Minimum required Illumination:

Colour:0.5 lx (Video25%, F1.6, AGC on)

1.0 lx (Video50%, F1.6, AGC on)

B&W:0.04 lx (Video25%, F1.6, AGC on)

0.08 lx (Video50%, F1.6, AGC on)

Iris Control:

Auto / Manual  
White balance:  
ATW(Narrow/Wide), AWC  
Extended dynamic range  
ON / Off  
Automatic electronic shutter:  
1/50 to 1/10000 (8 steps)  
AGC:  
OFF/MID/HIGH/SUPER  
Sense up  
OFF / x2, 4, 8, 16, 32, 64, 128  
Day / Night  
IR cut filter ON/OFF  
Other:  
Auto tracking, Private mask, Stabilizer,  
  
Display mode, 100 preset positions  
Lens:  
36x optical zoom, f=3.43mm to 122mm  
  
F:1.6(f=3.43mm) to F:4.5(f=122mm)  
Panning:  
360 degrees endless  
  
0.04 deg/sec to apx. 400deg/sec  
Tilting:  
-5 deg to 185 deg with tilt limit function  
  
0.04 deg/sec to apx. 300 deg/sec  
Power requirement:  
AC24V (50Hz/60Hz)  
Power consumption:  
18W(TK-C686E)  
  
60W(TK-C686WPE)  
Operating System  
IP66 (TK-C686WPE)  
Weight:  
TK-C686E : 2.6 kg (incl bkt)  
  
TK-C686WPE : 5.5kg (incl bkt)

## Accessories

- [KK686](#)
- Replacement Smoke Cover
- [RM-P2580E](#)
- Camera Control Unit
- [WB-S681U](#)
- Pendant Mount TK/VN-68X
- [WB-S682U](#)
- Wall Mount TK/VN-68x
- [WB-S685U](#)
- Recess Adaptor TK/VN-68x

## Brochures and manuals



[Information on Direct Drive 36x and 27x Optical Zoom PTZ Dome Cameras](#)



[Catalogo TK-C686E--spa](#)



[Instruction manual \(from the JVC Professional Europe Service Information System\)](#)

## Links

## Miscellaneous