

# VC-06 HD Color Video Camera

## Product Overview

The TDK VC-06 High Definition Color Video Camera is a high performance RF shielded CCTV video camera system designed for remote monitoring of equipment under EMC testing. The camera is also ideal for wide angle anechoic chamber monitoring, shielded access control, and test action archiving.

## Designed for EMC Testing

The VC-06 is a video camera designed to operate in the harsh environments required by EMC testing. The camera is housed in an EMI hardened protective case, and the control and video signals use fiber optics to prevent interference caused by high electromagnetic fields present during EMC testing. The all-digital, high-definition VC-06 is remotely focused, positioned and zoomed using the required TDK SI-300CC-HD Camera Controller.



**The TDK VC-06 High Definition Color Video Camera is an RF shielded CCTV designed specifically for remote monitoring of equipment during EMC testing in a shielded room or anechoic chamber.**

## Camera Features

- 1920x1080, 60 fps, High Definition
- Zoom: 30x Optical, +12x Digital
- Low Light Sensitivity: 0.5 lux without ICR (night vision) and 0.095 with ICR
- EMI Shielded to >200 V/m (DC to 18 GHz)
- Shielded 12 VDC or universal AC adapter operated
- One fiber optic cable for Audio/Video/Control
- Pan/Tilt mechanism
- Remote control for Pan, Tilt, Focus, Zoom, Iris Control
- Color Enhancement
- Image Enhancements: E-flip, Black & White, and Mirror Image

## Options

- Audio Monitoring
- DC battery power
- TRI-350R Tripod
- VCWM Video Camera Wall Mount



**The TDK SI-300CC-HD Camera Controller is capable of controlling up to four VC-06 cameras when optioned with additional video ports. It comes standard with one video port.**

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## Optical Capabilities

Resolution:	1920x1080, 60 fps
Image Sensor:	1/2.8" with approx. 3.27 Mega pixels
Zoom:	30x Optical zoom +12x Digital zoom
Angular Field of View:	55.4° wide; 2.9° telephoto
Min. Object Distance:	10 mm (wide); 1000 mm (telephoto)
Iris Control:	Manual and Automatic
Color Balance:	Automatic Synchronization
Angle of Pan/Tilt:	Pan: +/- 170° Tilt: +/- 90°
Fiber Optic Cable:	One duplex cable
Video Output:	HDMI or SDI
Minimum Illumination:	0.5 lux

## Environmental Specifications

Operating temperature:	0° to +30° C
Storage Temperature:	-10° to +50° C

## Overall Dimensions

With Pan/Tilt unit:	10" H x 11" D x 3.75" W (25.4 cm x 27.9 cm x 9.5 cm)
	9.2 lbs (2.81 kg)
Without Pan/Tilt unit:	3.95" H x 10" D x 3.75" W (10 cm x 25.4 cm x 9.5 cm)
	3.2 lbs (1.45 kg)

## Ordering Information

Product:	Video Camera
Model Number:	VC-06
Warranty:	1 year

**To place an order or to learn more about the TDK products that best meet your needs, contact your TDK sales representative:**

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