

VC-06 HD Color Video Camera

Product Overview

The TDK VC-06 High Definition Color Video Camera is a high performance, all-digital, shielded camera 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 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 designed specifically for remote monitoring of equipment during EMC testing in a shielded room or anechoic chamber.

Camera Features

- 1920x1080 x 30 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
- Single fiber optic 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
- VCMS-150R Video Camera Monopod Stand
- 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.

VC-06 HD Color Video Camera

Optical Capabilities

Resolution:	1920x1080 30p HD
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° tele- photo
Min. Object Distance:	10 mm (wide); 1000 mm (telephoto)
Iris Control:	Manual and Automatic
Color Balance:	Automatic Synchroniza- tion
Angle of Pan/Tilt:	Pan: +/- 150° Tilt: +/- 30°
Fiber Optic Cable:	One 50, 62.5 or 125µ multimode SC
Video Output:	HDMI
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 kgs]
Without Pan/Tilt unit:	3.95" H x 10" W x 3.75" W (10 cm x 25.4 cm x 9.5 cm)
	3.2 lbs [1.45 kgs]

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:

TDK RF Solutions Inc.

1101 Cypress Creek Rd.
Cedar Park, Texas 78613 USA
Phone: 1-512-258-9478
Fax: 1-512-258-0740
E-mail: info@tdkrf.com
Website: www.tdkrfsolutions.com

TOTAL RF EXPERTISE™



www.tdkrfsolutions.com

To learn more about TDK's wide range of innovative test products, solutions and services visit www.tdkrfsolutions.com

Copyright © TDK RF Solutions Inc. All rights reserved. Specifications subject to change without notice.

Rev. 2013-07-31