

VSI-1000 Versatile System Interface

Product Overview

Multi-Purpose Solution The TDK VSI-1000 controller is a multi-purpose system interface designed for manual or computer controlled EMC test systems. The VSI-1000 provides a user-friendly method for controlling cameras, field sensors, and probe positioners (depending on configuration chosen).

Multi-Camera Control When configured as a camera controller, the VSI-1000 is capable of controlling up to six independent camera units. It allows precision manipulation of camera features such as pan, tilt, zoom, and focus.

Flexibility The VSI-1000 can be a rack mounted or used as a stand alone unit.

Fiber Optic Links Non-intrusive fiber optic links control the remote devices, eliminating the interference that may be associated with conventional control cabling.

Audio Monitoring The VSI-1000 can also be utilized for audio monitoring when used with a TDK VC-06 video camera optioned with an internal microphone.

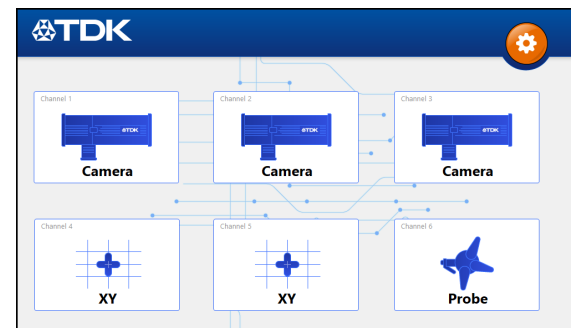
Signal Conversion The controller contains up to six fiber optic HD video receivers, which convert the fiber optic video signal to a standard HDMI or SDI video signal for use in standard HD video equipment.

Applications

- Camera controller
- Positioner controller
- Field probe interface



The TDK VSI-1000 is a multi-purpose system interface for controlling cameras, field sensors, and probe positioners.



The TDK VSI-1000 Versatile System Interface can control up to six remote video cameras.

System Features

- Camera Controller: Capable of controlling up to six remote video camera units using fiber optic interfaces
- Camera controller: Features pan, tilt, zoom, focus, iris control
- Large 7-inch touch screen display
- PC with embedded Windows
- 3U, 19-inch enclosure
- 6 channel fiber interface
- Software-activated options
- USB ports, Ethernet port

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Mechanical Specifications

Overall Dimensions:	3U for a standard 19-inch rack, 12.6" (32 cm) depth
Weight	15 lbs (7 kg)

Electrical Specifications

Power Requirements	100-240 VAC, 50-60 Hz, 45 W
Communication Media	Fiber optic cable (ST connectors); Bi-direction asynchronous serial
Video output:	HDMI and SDI
Display	7-inch touchscreen
Channel Capacity	Up to 6 fiber channels

Environmental Specifications

Ambient Temperature Limits	
Operating:	0° to +40° C
Storage:	-10° to +50° C
Humidity:	Up to 90% non-condensing

Ordering Information

Product:	Versatile System Interface
Model Number:	VSI-1000
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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Rev. 2024-03-27