



HD-SDI Video Matrix Switcher (VMS-712)



The HD-SDI Video Matrix Switcher is EON Instrumentation's brand new high-speed digital video product. The VMS-712 provides video switching and distribution support for high-definition digital video interfaces.



VMS-712 PRODUCT OVERVIEW

- Accepts up to seven video inputs in SMPTE 292M, SMPTE 274M, or SMPTE 296M formats.
- Capable of outputting any of the seven video inputs to any of twelve video outputs.
- Built-in 720p 60Hz test pattern can be enabled, and output to any of the twelve outputs.
- Supports 1483/1485 & 2967/2970 Mbps, 270 Mbps, or automatic re-clocking rates.
- Remotely controlled by an external computer via RS-232 interface.
- External reset is provided via a discrete interface.
- Powered with +28 VDC, in accordance with MIL-STD-704D requirements.
- Environmental (MIL-STD-810E) and EMI (MIL-STD-461F) qualified.



VMS-712 & Tauri HD-SDI Camera by Kappa Optronics



EON Instrumentation has teamed up with Kappa Optronics to provide a range of compact and ruggedized high-definition CCD color camera solutions to interface with our Video Matrix Switcher.



Tauri HD-SDI Camera Overview

Sensor	Kodak KAI 02150
Sensor size	2/3"
Sensor type	CCD
Color/Mono	Color
Mega pixel	2.5
Number of pixels	1920 x 1080 active
Interface HD/SD and Frame rate	HD-SDI, high definition digital video (HDTV), SMPTE-274M and SMPTE-292M, 8-bit or 10-bit YUV 4:2:2, 1920 x 1080 p/25 (optional 1920 x 1080 p/30)
Communication interface	RS 232, RS 485

