Matrix Switcher

DMS-H1616

www.foreseesonusa.com

Manage and Distribute DVI and Fiber Signals

The DMS-H1616 matrix switcher is designed to satisfy the need for customized video signal control. It provides a convenient, central location for managing the input and output of both DVI and optical fiber video. Using independent switches, DMS-D1616 recieves up to 16 input signals from varying types of devices, and then sends out those signals to as many as 16 different destinations, such as display monitors.

DMS-H1616 features swappable I/O cards and offers easy field configuration in a modular frame. It provides a true mix-and-match matrix switching solution. DMS-H1616 can be controlled through direct connection to its RS232 port, or remotely by using the built-in web based Ethernet control software. Applications for the DMS-H1616 matrix switcher include hospital operating rooms, video conference systems, and multi-media presentation rooms.

- Power-off status protection
- Saves parameters in case of power interruption
- Field-upgradeable, modular design
- Supports network control based on TCP/IP
- Built-in signal generator for testing purposes
- HDCP compliant
- Single-link DVI-D data rates to 165Mhz
- Supports video to 1920x1200, HDTV to 1080p
- EDID communicates between source and display
- Fully compatible with DSL
- Frequency bandwidth: 1.65Gbps (Single Link)
- Input video signal detection
- Serial host control port

Foreseeson USA

2210 E. Winston Road

Anaheim, CA 92806

Tel: 714-300-0540

Fax: 714-300-0546

www.foreseesonusa.com



Ophit is a strategic partner of Foreseeson Custom Displays. The full line of fiber optic products available from Ophit are designed to provide the very best in digital video and audio extension systems.

1 Bridge Plaza, Suite 275

Fort Lee, NJ 07024

Tel: 201-849-4495

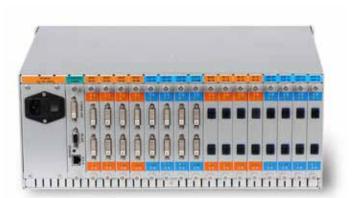
Fax: 201-490-1080

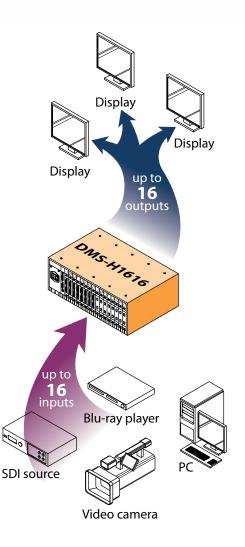
Foreseeson GmbH Benzstr.9 61352 Bad Homburg, Germany

Tel: +49(0)6172-185310-15

Fax: +49(0)6172-185310-11

Foreseeson UK Ltd. Unit 2 Kingsmill Business Park Chapel Mill Road Kingston upon Thames, Surrey KT1 3GZ Tel: 44 (0) 208 546 1047 Fax: 44 (0) 208 546 3931 Foreseeson Korea Gang Nam Main Tower #801 1357-66 Seo-cho Dong Seoul, 137-070 Korea Tel: 82-2521-5296 Fax: 82-2521-5207 **D&T Inc.** 59-9 Jang-Dong, Yuseong-Gu Daejeon City, Korea, 305-343 Tel: 82-42-360-8000 Fax: 82-42-360-8005







Specifications





DMS-H1616

www.foreseesonusa.com

General	Features
General	i cutui co

Item	Description
DVI Input	
Format	DVI single link
Number of channels	Up to 16
Pixel dock	Up to 165MHz
DVI Output	
Format	DVI single link
Number of channels	Up to 16
Pixel dock	Up to 165MHz
+5V current	500mA / DVI output via pin 14
Control	
Serial	RS-232C
Network	Ethernet TCP /IP 10/100 base TX (auto sensing)
Optical Input and Output - 1 fiber per channel	
Fiber	Multi-mode 50/125 or 625/125 glass fiber
Connector	
Copper Input and Output	29 pin DVH female connector
Optic Card	SC
Power	IEC Power Inlet
RS-232	9p D-Sub female
LAN	RJ45
General	
Dimensions	4U, 19" rack-mountable enclosure
(including rack ears)	19W X 7H X 22D (inch)
Weight (with the boards all installed)	9.5kg
Power	100 to 240V AC. 50~60Hz
EMI & Safety	UL, CE, FCC

_	itus		onnection			Network
Pŀ	ŬТ					DVI Mat
			ilitetti s			
01 10	13 94 1	6 66 87 8	1 33 1	1 12		14 15 16
	a series and a	Front T		000a 🖂		
		and the second sec	UTPUT			
-						and the second second
				l 😐 😐		1 1 16
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_	u u u
			E 1	() H	_	
		· Constants	t t 10 🗐 Dec	11 II and subjects	_	
			1 1 19 1 00	11 II and subjects	_	
	3 (I)	· Constants	th i Case	11 II and subjects	*	
		Reeta Reeta	n Cance	i ii adaeyee		11
et C	BI toutianed	Reeta Reeta 82 Inpution 85 Inpution	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	i ii alaquu	14 (64) (66)	nourtiane04
l e	01 kputtameti 05 kputtameti	E Tried of our Rectar 02 Inputtion 04 Inputtion 18 Inputtion	el2 83 e06 87 e19 11	I II Industry Routlanetti Routlanetti	14 64 9 68 9	novefilame04 rovefilame04
l i	81 kputtameti 85 kputtameti 89 kputtameti	Development Recta	eCC 83 eCC 83 eC	II II Industria Industria Industria Industria	04 0 08 0 17 0	novritame04 rportiame04 rportiame12
ot a	01 kputtame0 95 kputtame0 99 kputtame0 13 kputtame0	Constantial and a constantia	eli III Den Cance eli III eli IIII eli III eli III eli III eli III eli III eli III eli III eli III eli III eli IIII eli IIIII eli IIII eli IIII eli IIII eli IIII eli IIII eli IIII eli IIIII eli IIIII eli IIIII eli IIII eli IIIIIIII eli IIIIIII eli IIIIIIIII eli IIIIIIIIIIIIIIIIIIII eli IIIIIIIIIIIIIIIIIIIIIIIIIIII	II II Industry Industry Industry Industry Industry Industry II Industry II II II II II II II II II II II II II	11 (4) ((4) ((4) (noutlane04 routlane04 routlane12 routlane15
ot c	01 Inputtameti 95 Inputtameti 98 Esputtameti 13 Inputtameti 11 Ouputtameti	Remain Re	Image: Construction Image: Construction e002 83 e008 807 e100 11 end12 83 end12 83 end12 83	II II Inputianet Inputianet Inputianet Inputianet Inputianet Inputianet	11 04 0 05 0 12 0 14 0 04 0	nourflame04 nourflame04 nourflame12 nourflame15 Suburflame14

DMS-H1616 can be controlled through direct connection to its RS232 port, or remotely by using the built-in web based Ethernet control software.

Specifications are subject to change with or without notice. Doc. # FSN1924 Rev. 12/11

Foreseeson USA

2210 E. Winston Road Anaheim, CA 92806 Tel: 714-300-0540 Fax: 714-300-0546 www.foreseesonusa.com 1 Bridge Plaza, Suite 275 Fort Lee, NJ 07024 Tel: 201-849-4495 Fax: 201-490-1080 Foreseeson GmbH Benzstr.9 61352 Bad Homburg, Germany Tel: +49(0)6172-185310-15 Fax: +49(0)6172-185310-11 Foreseeson UK Ltd. Unit 2 Kingsmill Business Park Chapel Mill Road Kingston upon Thames, Surrey KT1 3GZ Tei: 44 (0) 208 546 1931

Foreseeson Korea Gang Nam Main Tower #801 1337-66 Seo-cho Dong Seoul, 137-070 Korea Tel: 82-2-521-5296 Fax: 82-2-521-5207 **D&T Inc.** 59-9 Jang-Dong, Yuseong-Gu Daejeon City, Korea, 305-343 Tel: 82-42-360-8000 Fax: 82-42-360-8005