Signal
Extender

DVI-Extender-F 7.0

KVM Extender
Extender systems to bridge IT-Distances

Leading the Way in digital KVM

Guntermann & Drunck GmbH has been established in 1985 and is named after its founders. Over 25 years have since past, and we are now a leading manufacturer of digital and analog KVM switching systems.

As an owner-managed company we work with a broad range in both digital and analog KVM closely with the marketplace and make our decisions with and in the interests of our customers. It is our philosophy to meet our customers while making decisions, to accompany them in the process and ensure that they achieve their goals.

We can do this because as a medium sized company we have short communication paths and all core competencies are in house – from development through to production. This way we can even make the impossible possible at times. If it is thanks to the modularity of the products or by implementing a customised solution. We orient ourselves towards the needs of the customer – and not the other way round.

Organisations, service providers and companies of all sizes managing numerous computers, servers and other network devices trust the comprehensive advice and service provided by Guntermann & Drunck GmbH.

Thanks to these different fields of specialisation, the demands placed on the products are many and are manifold. Our products have to provide a long-life service, be secure, uncomplicated, user-friendly, understandable and adaptable.

DVI-Extender-F

7.0

Signal Extender

Guntermann & Drunck
GmbH

G&D

The DVI-Extender-F signal extender system extends single-link DVI signals.

The system consists of a computer module (transmitter) and a user module (receiver) and uses fibre optics to transmit signals up to 400 m. You can use the extender to operate a computer remotely.

DVI-Extender-F system

Features

Video
- resolutions up to 1920 × 1200 @ 60 Hz
- pixel rate up to 165 MHz
- digital colour mode 24 bit
- transparent forwarding of E-DDC information

Transmission
- up to 400 m transmission length (1 × multimode 50/125 µm, 500 MHz*km, OM2) at maximum resolution
- uncompressed 1:1 transmission and performance
- connection over 1 × SC-Single connector

Device
- galvanic separation of transmitter and receiver
- insensitive to interference radiation
- small housing (105 × 26 × 104 mm)
- one external power pack per module
- power-loop connector
- available as desktop variant

System upgrade
- update via wizard over service socket

Variants

No product variants available.

Expansion

No product expansions available.

Installation

A confusion-proof cable links the computer's DVI interface to the DVI-Extender-F computer module. Connect the display to the corresponding interface of the DVI-Extender-F receiver.

Use the existing fibre optics cabling infrastructure to link transmitter and receiver.

Feel free to download the CATVision manual to find out more details about the start-up.

DVI-Extender-F

DVI-Extender-F-CON

	Computer module	User module
Video		
Computer per system	1	
Displays per system	1	
Signal type video	digital single-link video	
Digital resolution	up to 1920 × 1200 @ 60 Hz	
Standards	E-DDC support	
Digital colour depth	24 bit	
Pixel rate	up to 165 MHz	
Interfaces for display		1 × DVI-D socket
Interfaces to computer	1 × DVI-D socket	
Transmission		
Cable type	dedicated fibre optics link	
Transmission cable type	fibre optics (one fibre)	
Transmission length	400 m over one multimode fibre (50/125 μm, 500 MHz*km, OM2) at max. resolution	
Connection	1 × SC single socket	
No. of fibre optics	1	
Power supply		
Type	external power pack	
Connection	Mini-DIN 4 socket	
Voltage	+12VDC/200mA	+12VDC/200mA
Housing (W × H × D)		
Material	anodised aluminium	
Dimensions	105 x 26 x 104 mm	105 x 26 x 104 mm
Weight	approx. 0.3 kg	
Update		
Process	via wizard over service socket at computer and console	
Connection	1 × Mini-USB-B socket	

List of Item Numbers

Item No.	Description
A1110149	DVI-Extender-F-CPU
Item No.	Description
A1120143	DVI-Extender-F-CON

Legend

ABBREVIATIONS

CPU	=	Computer module	M	=	Multimode
PC	=	Computer module	S	=	Singlemode
			RM	=	For assembly in a 19" rack
CON	=	User module			
REM	=	User module	A	=	Audio
			AR	=	Audio + RS232
MC2	=	Multichannel 2	R	=	RS232
MC3	=	Multichannel 3	U	=	transparent USB 1.1
MC4	=	Multichannel 4	U2	=	transparent USB 2.0
			D	=	Delay

EQUIPMENT FEATURES

= keyboard/mouse

DVI DL = dual-link DVI video

DVI SL = single-link DVI video

DVI &VGA = single-link DVI + VGA

VGA = VGA video

= Audio

RS 232 = RS232

USB 1.1 = USB 1.1

USB 2.0 = USB 2.0

= Delay

= Screen Freeze

= Power Switching

FIRE wire = Fire Wire

VT 100 = VT100

KVM IP = KVM IP access

LAN = Network connection

WEB If = Web interface

DEV CON support = DevCon support

Moni tor = Monitoring

CAT cable = CAT cable

Fiber optics = Fiber optics

= Single user

= Multi user

= Separat local/remote user