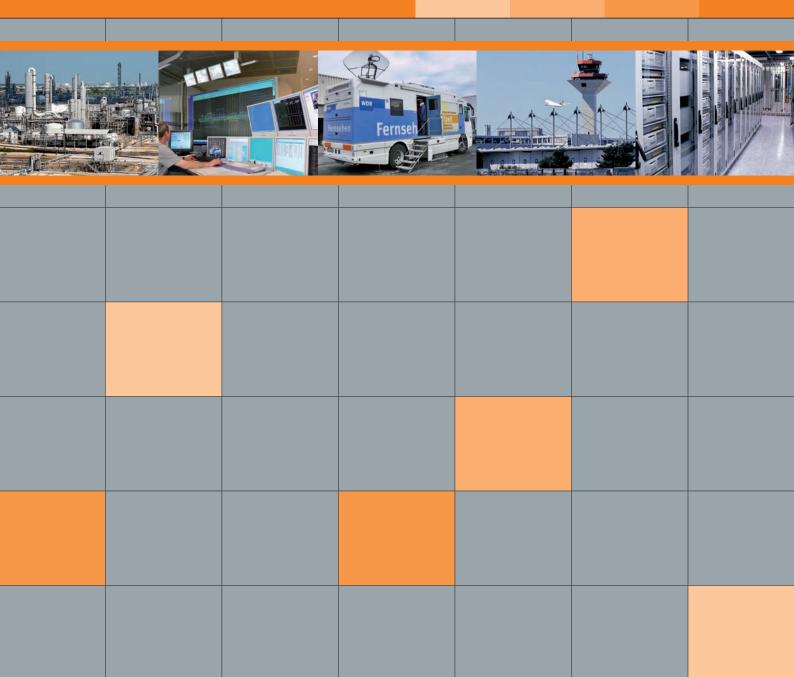
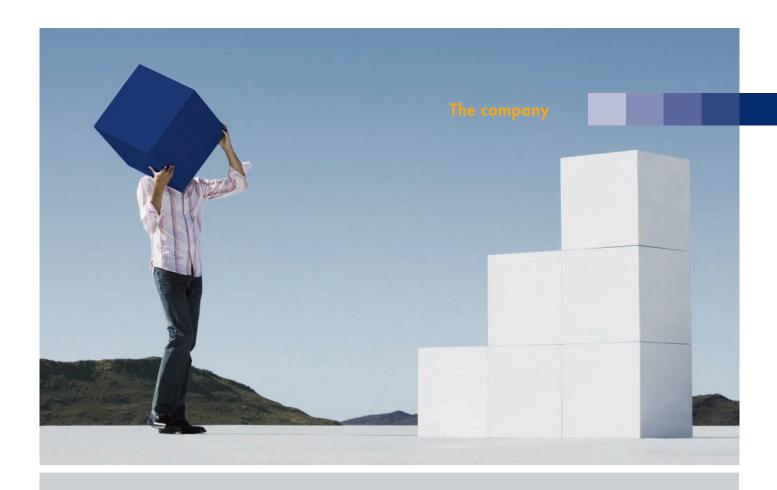
Signal Extender

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.



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 x 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 x multimode 50/125 μm, 500 MHz*km, OM2) at maximum resolution
- uncompressed 1:1 transmission and performance
- connection over 1 x SC-Single connector

Device

- · galvanic separation of transmitter and receiver
- · insensitive to interference radiation
- small housing (105 x 26 x 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.

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DVI-Extender-F



DVI-Extender-F-CON

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

List of Item Numbers

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

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Legend

ABBREVIATIONS

CPU = Computer module PC = Computer module

CON = User module REM = User module

MC2 = Multichannel 2 MC3 = Multichannel 3 MC4 = Multichannel 4 M = MultimodeS = Singlemode

RM = For assembly in a 19" rack

A = Audio

AR = Audio + RS232

R = RS232

U = transparent USB 1.1 U2 = transparent USB 2.0

D = Delay

EQUIPMENT FEATURES

= keyboard/mouse

DVI = dual-link DVI video

DVI = single-link DVI video

DVI = single-link DVI + VGA

VGA = VGA video

= Audio

RS = RS232

USB = USB 1.1

USB = USB 2.0

= Delay

= Screen Freeze

e Power Switching

FIRE = Fire Wire

VT = VT100

KVM = KVM IP access

LAN = Network connection

WEB = Web interface

DEV = DevCon support

Moni = Monitoring

CAT = CAT cable

Fiber = Fiber optics

= Single user

= Multi user

= Separat local/remote user