

# KVM Sharing

# UserCenter 7.2

## KVM Sharing

Access computer from multiple competing consoles



**Leading the way in digital KVM**



## 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.

KVM Sharing products offer you two possibilities:

- Access and use 1 computer from multiple competing consoles
- Split and/or extend 1 video signal

KVM Sharing products are stand-alone devices.

VGA



UserCenter4 - front view

## Highlights

### Video

- Single- and multi-channel variants

### Security

- Independent from any operating system
- Inactive monitors are blanked
- Hold function enables exclusive operation for one console

### Expansion

- No product expansions available

## Features

### Video

- Video resolution 1600 x 1200 @ 85 Hz
- Video bandwidth up to 250 MHz

### Device

- Automatic switching or manual hold-function
- The hardware switches solely access the standard keyboard/video/mouse interfaces

- Emulate a full keyboard/mouse for each channel
- Require no software installation
- Can be combined with all G&D products
- Hot pluggable
- Available as desktop and 19" variant

## Variants

### Design

- Available as desktop (DT) or rack mount (RM) variant

### Number of Users + Video Channels

- UserCenter2 (single-channel): 2 consoles / 1 computer
- UserCenter4 (single-channel): 4 consoles / 1 computer
- Dual-UserCenter2 (multi-channel 2): 2 consoles / 1 computer with dual video
- Dual-UserCenter4 (multi-channel 2): 4 consoles / 1 computer with dual video

## Installation

Connect the computer to the back side of the UserCenter. Use distinct triplex cables to link the keyboard, video, and mouse interfaces to the switch. Dual variants require an additional VGA cable.

PS/2 cable sets are available in the following lengths: 1, 2, 4, 6 m. For connecting the console simply link the operating hardware to the corresponding interfaces of the UserCenter.

## UserCenter2



UserCenter4 - front view

right: UserCenter4 - rear view

	UserCenter2	UserCenter4
<b>General information</b>		
Number of consoles	2	4
Number of computers	1	1
Number of video channels per computer	1	1
<b>Video</b>		
Interface for computer connection	1 x D-Sub HD15 socket	
Interface for monitors	2 x D-Sub HD15 socket	4 x D-Sub HD15 socket
Analog resolution	max. 1600 × 1200 @ 85 Hz	
Video bandwidth	up to 250 Mhz	
<b>Keyboard / Mouse</b>		
Interface for computer connection	1 x D-Sub HD15 plug	
Interfaces for consoles	2 x (2 x Mini-DIN 6 socket)	4 x (2 x Mini-DIN 6 socket)
Transmission medium	Proprietary cables	
Transmission length	Up to 11 metres	
<b>Main power supply</b>		
Type	Internal power pack	
Connection	1 × IEC plug	
Voltage	AC100-240V/60-50Hz	
	130-70mA	240-110mA
<b>Housing</b>		
Material	Anodised aluminium	
Desktop (W x H x D)	210 x 44 x 210 mm	270 x 44 x 210 mm
Rackmount (W x H x D)	19" x 1 U x 210 mm	
Weight	Approx. 1,2 kg	Approx. 1,5 kg
<b>Operating conditions</b>		
Temperature	+5 to +40 °C	
Air humidity	< 80% non-condensing	
Conformity	CE, RoHS	

## UserCenter2



Dual-UserCenter4 - front view

right: Dual-UserCenter4 - rear view

	Dual-UserCenter2	Dual-UserCenter4
<b>General information</b>		
Number of consoles	2	4
Number of computers	1	1
Number of video channels per computer	2	2
<b>Video</b>		
Interface for computer connection	2 x D-Sub HD15 socket	
Interface for monitors	2 x (2 x D-Sub HD15 socket)	4 x (2 x D-Sub HD15 socket)
Analog resolution	Max. 1600 × 1200 @ 85 Hz	
Video bandwidth	Up to 250 Mhz	
<b>Keyboard / Mouse</b>		
Interface for computer connection	1 x D-Sub HD15 plug	
Interfaces for consoles	2 x (2 x Mini-DIN 6 socket)	4 x (2 x Mini-DIN 6 socket)
Transmission medium	Proprietary cables	
Transmission length	Up to 11 metres	
<b>Main power supply</b>		
Type	Internal power pack	
Connection	1 x IEC plug	
Voltage	AC100-240V/60-50Hz	
	240-110mA	
<b>Housing</b>		
Material	Anodised aluminium	
Desktop (W x H x D)	210 x 88 x 210 mm	270 x 88 x 210 mm
Rackmount (W x H x D)	19" x 2 HE x 210 mm	
Weight	Approx. 1,4 kg	Approx. 1,8 kg
<b>Operating conditions</b>		
Temperature	+5 bis +40 °C	
Air humidity	< 80% non-condensing	
Conformity	CE, RoHs	



left: Dual-UserCenter2 - front view  
right: Dual-UserCenter2 - rear view



## List of Item Numbers UserCenter

























Item No.	Description	DT	RM
A2200001	UserCenter2	DT	
A2200002	UserCenter2-RM		RM
A2200003	UserCenter4	DT	
A2200004	UserCenter4-RM		RM
A2200007	Dual-UserCenter2	DT	
A2200008	Dual-UserCenter2-RM		RM
A2200009	Dual-UserCenter4	DT	
A2200010	Dual-UserCenter4-RM		RM

## Legend

### ABBREVIATIONS

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

### EQUIPMENT FEATURES

	=	keyboard/mouse		=	VT100
	=	dual-link DVI video		=	KVM IP access
	=	single-link DVI video		=	Network connection
	=	single-link DVI + VGA		=	Web interface
	=	VGA video		=	DevCon support
	=	Audio		=	Monitoring
	=	RS232		=	CAT cable
	=	USB 1.1		=	Fiber optics
	=	USB 2.0		=	Single user
	=	Delay		=	Multi user
	=	Screen Freeze		=	Separat local/remote user
	=	Power Switching			
	=	Fire Wire			