

# CCD-IO16-CARD-TRUNK4(M)

KVM matrix systems, Article number A2300096



I/O cards are modular cards for the ControlCenter-Digital with multiple in-/output ports to which you can connect user or computer modules.

## DETAILS

### TRANSMISSION

- The transmission distance is up to 400 meters over fiber multimode optics, incl. transmission module(s)/SFP transceiver(s)

### DEVICE

- Can be placed in one of the I/O slots of the ControlCenter-Digital matrix system
- The I/O-Card-Trunk4 reduces the grid lines required for a matrix grid by combining 4 of the 16 channels on one line.
- For transmission between two matrices, the four ports of an I/O-Card-Trunk4 can be configured independently for a 1:1 direct connection.
- Transmission between two I/O-Card-Trunk is carried by even more powerful components compared to the standard. These components let you use the fourfold of the bandwidth at the same time – thus saving you three quarters of the cabling effort.
- In addition to dedicated connection options, the I/O-Card-Trunk4 is also Ethernet-capable, thus allowing you to use existing network structures. You can even set up KVM matrix installations across locations and large distances if suitable connections are available. Multi-user access from several locations is also possible.

### WARRANTY

- A 3-year, free of charge product guarantee

## TECHNICAL DATA

General	Product group	KVM matrix switches	
	Product Family	ControlCenter-Digital	
	KVM matrix system component	Central module (digital)	
Transmission	Number of transmission channels	4	
	Redundant transmission channels	no redundant KVM transmission	
	Range	400 m (50.0/125µm, OM4 - 4700MHz*km) 300 m (50.0/125µm, OM3 - 2000MHz*km) 82 m (50.0/125µm, OM2 - 500MHz*km) 66 m (50.0/125µm) 33 m (62.5/125µm, OM1 - 200MHz*km) 26 m (62.5/125µm)	
	Laser class	Class 1	
	Type of interface	LC-Duplex	
	Wavelength	850 nm	
	Medium	Fiber MM	
	Data rate	10 Gbit/s	
	Maintenance	Update via	ConfigPanel (Network)
		Serviceport settings	115200bps (8/N/1)
Housing	Material	anodised aluminium	
	IP protection class	IP20	
Operating conditions	Operating environment temperature	5 °C to 45 °C	

Operating air humidity, non-condensing	20 % to 80 %
Area of application	Indoor use
Maximum operating altitude above sea level	3,048 m
Storage environment temperature	-20 °C to 55 °C
Storage air humidity, non-condensing	15 % to 85 %
MTBF	100,000 h at 25°C
Conformities	<p>CE compliant (see downloads)</p> <p>UKCA compliant (see downloads)</p> <p>FCC compliant (see manual)</p> <p>TAA compliant (see downloads)</p> <p>EAC compliant (see downloads)</p> <p>RoHS compliant (see downloads)</p> <p>WEEE (reg. no. DE30763240)</p> <p>REACH compliant (see downloads)</p>

## MORE VARIANTS

Description	Article number
<b>CCD-IO16-Card-CAT card f. CCD 16xCAT</b> Input/output module of the ControlCenter-Digital system	A2300061
<b>CCD-IO16-Card-Fiber blank without SFP-Transc.</b> Input/output module of the ControlCenter-Digital system	A2300086
<b>CCD-IO16-Card-Fiber(M) card f. CCD 16xFiber(M)</b> Input/output module of the ControlCenter-Digital system	A2300062
<b>CCD-IO16-Card-Fiber(S) card f. CCD 16xFiber(S)</b> Input/output module of the ControlCenter-Digital system	A2300063
<b>CCD-IO16-Card-Fiber(S+) card f. CCD 16xFiber(S+)</b> Input/output module of the ControlCenter-Digital system	A2300078
<b>CCD-IO16-Card-Multi card f. CCD 16xMulti</b> Input/output module of the ControlCenter-Digital system	A2300085
<b>CCD-IO16-Card-Trunk4 blank without SFP-Transc.</b> Input/output module of the ControlCenter-Digital system including 4x 10G interfaces - without SFP-Transceiver	A2300098
<b>CCD-IO16-Card-Trunk4(S)</b> Input/output module of the ControlCenter-Digital system including 4x 10G interfaces	A2300097

# CONTACT

## WE ARE HERE FOR YOU!

If you have any further questions, we are looking forward to advising you on your individual project requirements.

### TECHNICAL SALES

Tel.: +1-833-928-1976  
Fax: +1-833-928-1976  
E-Mail: [sales.us@gdsys.com](mailto:sales.us@gdsys.com)

### HEADQUARTERS

Guntermann & Drunck GmbH Systementwicklung  
Obere Leimbach 9 | 57074 Siegen | NRW |  
Deutschland

Tel.: +49 271 23872-0  
Fax: +49 271 23872-120  
E-Mail: [sales@gdsys.com](mailto:sales@gdsys.com)

### US OFFICE

G&D North America Inc.  
4540 Kendrick Plaza Drive | Suite 100  
Houston, TX 77032 | United States

Tel.: +1-346-620-4362  
E-Mail: [sales.us@gdsys.com](mailto:sales.us@gdsys.com)

### MIDDLE EAST OFFICE

Guntermann & Drunck GmbH  
Dubai Studio City | DSC Tower  
12th Floor, Office 1208 | Dubai, UAE

Tel.: +971 4 5586178  
E-Mail: [sales.me@gdsys.com](mailto:sales.me@gdsys.com)

### APAC OFFICE

Guntermann & Drunck GmbH  
60 Anson Road #17-01  
Singapore 079914

Tel.: +65 9685 8807  
E-Mail: [sales.apac@gdsys.com](mailto:sales.apac@gdsys.com)