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Find the *Black Box ACX1MT-DHID-C* at our website: *Click HERE*

DKM Modular Basic Link Modules



Photo may vary from actual product



Design your KVM Extender with the interfaces you need.

- Basic Link Modules with DVI-D, DVI-I or HDMI video and (2) USB keyboard/mouse ports.
- Peripheral option with (4) transparent USB 2.0 Ports at 480Mbps.
- Require link cables: CATx, and multimode or single-mode fiber cabling.
- Distances up to 140m (CATx), 1000m (MM), or 10km (SM).
- Video output up to 2048 x 1152 at 60Hz over the full distance.
- Highspeed video versions with 2.5 Gbps bandwidth for demanding video applications.
- Fit into the ServSwitch DKM Modular Extender Housings.
- Part of the ServSwitch DKM KVM Switching and Extension System.
- Use the online DKM configurator on the right for easy combination of the parts, quotes and orders.
- Warranty: 2 Year Double Diamond™ Warranty (Standard)

Product		Code	Unit price	Stock
CATx				
Receiver				
(1) DisplayPort 1.1				
2x USB HID	Basic Link Module	ACX2MR-DPH-C	On request	—
(1) DisplayPort 1.1 w/ link redundancy				
2x USB HID	Basic Link Module	ACX2MR-DPH-2C	On request	—
(1) HDMI				
2x USB HID	Basic Link Module	ACX1MR-HDMI-C	On request	—
2x USB HID, int. 2-Port KVM Switch	Basic Link Module	ACX1MR-HDSW-C	On request	—
none	Basic Link Module	ACX1MR-HDO-C	On request	—
(1) HDMI w/ link redundancy				
2x USB HID	Basic Link Module	ACX1MR-HDMI-2C	On request	—
2x USB HID, int. 2-Port KVM Switch	Basic Link Module	ACX1MR-HDSW-2C	On request	—
(1) Single link DVI or VGA out				
2x USB HID	Basic Link Module	ACX1MR-VDHID-C	On request	—
(1) Single link DVI or VGA out w/ link redundancy				
2x USB HID	Basic Link Module	ACX1MR-VDHID-2C	On request	—

(1) Single link DVI-D				
2x USB HID	Basic Link Module	ACX1MR-DHID-C	On request	–
(1) Single link DVI-D w/ link redundancy				
2x USB HID	Basic Link Module	ACX1MR-DHID-2C	On request	–
(2) Single link DVI-D				
2x USB HID	Basic Link Module	ACX2MR-DHH-C	On request	–
(2) Single link DVI-D w/ link redundancy				
2x USB HID	Basic Link Module	ACX2MR-DHH-2C	On request	–
(1) Dual link DVI-D				
2x USB HID	Basic Link Module	ACX2MR-DLH-C	On request	–
(1) Dual link DVI-D w/ link redundancy				
2x USB HID	Basic Link Module	ACX2MR-DLH-2C	On request	–
no video				
4x USB 2.0 transparent 480Mbps	Basic Link Module	ACX1MR-U23-C	On request	–
Receiver maritime use				
(1) Single link DVI-D				
2x USB HID	Basic Link Module	ACX1MR-DHID-C-SHIP	On request	–
(1) Single link DVI-D w/ link redundancy				
2x USB HID	Basic Link Module	ACX1MR-DHID-2C-SHIP	On request	–
Transmitter				
(1) DisplayPort 1.1				
2x USB HID	Basic Link Module	ACX2MT-DPH-C	On request	–
(1) DisplayPort 1.1 w/ link redundancy				
2x USB HID	Basic Link Module	ACX2MT-DPH-2C	On request	–
(1) HDMI				
2x USB HID	Basic Link Module	ACX1MT-HDMI-C	On request	–
none	Basic Link Module	ACX1MT-HDO-C	On request	–
(1) HDMI w/ link redundancy				
2x USB HID	Basic Link Module	ACX1MT-HDMI-2C	On request	–
(1) HDMI w/ local access				
2x USB HID	Basic Link Module	ACX1MT-HDM2-C	On request	–
(1) HDMI w/ local access + link redundancy				
2x USB HID	Basic Link Module	ACX1MT-HDM2-2C	On request	–
(1) Single link DVI-D				
2x USB HID	Basic Link Module	ACX1MT-DHID-C	On request	–
(1) Single link DVI-D or VGA in				
2x USB HID	Basic Link Module	ACX1MT-VDHID-C	On request	–
(1) Single link DVI-D or VGA in w/ link redundancy				
2x USB HID	Basic Link Module	ACX1MT-VDHID-2C	On request	–

(1) Single link DVI-D w/ link redundancy				
2x USB HID	Basic Link Module	ACX1MT-DHID-2C	On request	—
(2) Single link DVI-D				
2x USB HID	Basic Link Module	ACX2MT-DHH-C	On request	—
(2) Single link DVI-D w/ link redundancy				
2x USB HID	Basic Link Module	ACX2MT-DHH-2C	On request	—
(1) Dual link DVI-D				
2x USB HID	Basic Link Module	ACX2MT-DLH-C	On request	—
(1) Dual link DVI-D w/ link redundancy				
2x USB HID	Basic Link Module	ACX2MT-DLH-2C	On request	—
no video				
4x USB 2.0 transparent 480Mbps	Basic Link Module	ACX1MT-U23-C	On request	—
Transmitter maritime use				
(1) Single link DVI-D				
2x USB HID	Basic Link Module	ACX1MT-DHID-C-SHIP	On request	—
(1) Single link DVI-D w/ link redundancy				
2x USB HID	Basic Link Module	ACX1MT-DHID-2C-SHIP	On request	—
Fibre				
(Unit: n/a)				
(1) Single link DVI-D or VGA in				
2x USB HID	Transmitter Card	ACX1MT-DVHID-SM	Sign in	—
Receiver				
(1) DisplayPort 1.1				
2x USB HID	Basic Link Module	ACX2MR-DPH-SM	On request	—
(1) DisplayPort 1.1 w/ link redundancy				
2x USB HID	Basic Link Module	ACX2MR-DPH-2S	On request	—
(1) DisplayPort 1.2 (4K60)				
2x USB HID	Basic Link Module	ACX2MR-DP4KHS-SM	On request	—
(1) DisplayPort 1.2 (4K60) w/ link redundancy				
2x USB HID	Basic Link Module	ACX2MR-DP4KHS-2S	On request	—
(1) DisplayPort 2.5Gbps				
2x USB HID	Basic HS Link Module	ACX2MR-DPHS-SM	On request	—
(1) DisplayPort 2.5Gbps w/ link redundancy				
2x USB HID	Basic HS Link Module	ACX2MR-DPHS-2S	On request	—
(1) HDMI				
2x USB HID	Basic Link Module	ACX1MR-HDMI-SM	On request	—
2x USB HID, int. 2-Port KVM Switch	Basic Link Module	ACX1MR-HDSW-SM	On request	—
none	Basic Link Module	ACX1MR-HDO-SM	On request	—

(1) HDMI w/ link redundancy

2x USB HID	Basic Link Module	ACX1MR-HDMI-2S	On request	–
2x USB HID, int. 2-Port KVM Switch	Basic Link Module	ACX1MR-HDSW-2S	On request	–

(1) Single link DVI or VGA out

2x USB HID	Basic Link Module	ACX1MR-VDHID-SM	On request	–

(1) Single link DVI or VGA out w/ link redundancy

2x USB HID	Basic Link Module	ACX1MR-VDHID-2S	On request	–

(1) Single link DVI-D

2x USB HID	Basic Link Module	ACX1MR-DHID-SM	On request	–

(1) Single link DVI-D w/ link redundancy

2x USB HID	Basic Link Module	ACX1MR-DHID-2S	On request	–

(1) Single link DVI-D 2.5Gbps

2x USB HID	Basic HS Link Module	ACX1MR-DHS-SM	On request	–

(2) Single link DVI-D

2x USB HID	Basic Link Module	ACX2MR-DHH-SM	On request	–

(2) Single link DVI-D w/ link redundancy

2x USB HID	Basic Link Module	ACX2MR-DHH-2S	On request	–

(2) Single link DVI 2.5Gbps

2x USB HID	Basic Link Module	ACX2MR-DHHS-SM	On request	–

(2) Single link DVI 2.5Gbps w/ link redundancy

2x USB HID	Basic Link Module	ACX2MR-DHHS-2S	On request	–

(1) Dual link DVI-D

2x USB HID	Basic Link Module	ACX2MR-DLH-SM	On request	–

(1) Dual link DVI 2.5Gbps

2x USB HID	Basic Link Module	ACX2MR-DLHS-SM	On request	–

(1) Dual link DVI 2.5Gbps w/ link redundancy

2x USB HID	Basic Link Module	ACX2MR-DLHS-2S	On request	–

no video

4x USB 2.0 transparent 480Mbps	Basic Link Module	ACX1MR-U23-SM	On request	–

Transmitter

(1) DisplayPort 1.1

2x USB HID	Basic Link Module	ACX2MT-DPH-SM	On request	–

(1) DisplayPort 1.1 w/ link redundancy

2x USB HID	Basic Link Module	ACX2MT-DPH-2S	On request	–

(1) DisplayPort 1.2 (4K60)

2x USB HID	Basic Link Module	ACX2MT-DP4KHS-SM	On request	–

(1) DisplayPort 1.2 (4K60) w/ link redundancy

2x USB HID	Basic Link Module	ACX2MT-DP4KHS-2S	On request	–

(1) DisplayPort 2.5Gbps

2x USB HID	Basic HS Link Module	ACX2MT-DPHS-SM	On request	–

(1) DisplayPort 2.5Gbps w/ link redundancy				
2x USB HID	Basic HS Link Module	ACX2MT-DPHS-2S	On request	–
(1) HDMI				
2x USB HID	Basic Link Module	ACX1MT-HDMI-SM	On request	–
none	Basic Link Module	ACX1MT-HDO-SM	On request	–
(1) HDMI w/ link redundancy				
2x USB HID	Basic Link Module	ACX1MT-HDMI-2S	On request	–
(1) HDMI w/ local access				
2x USB HID	Basic Link Module	ACX1MT-HDM2-SM	On request	–
(1) HDMI w/ local access + link redundancy				
2x USB HID	Basic Link Module	ACX1MT-HDM2-2S	On request	–
(1) Single link DVI/VGA 2.5Gbps				
2x USB HID	Basic HS Link Module	ACX1MT-DVHS-SM	Sign in	–
(1) Single link DVI-D				
2x USB HID	Basic Link Module	ACX1MT-DHID-SM	On request	–
(1) Single link DVI-D or VGA in				
2x USB HID	Basic Link Module	ACX1MT-VDHID-SM	On request	–
(1) Single link DVI-D or VGA in w/ link redundancy				
2x USB HID	Basic Link Module	ACX1MT-VDHID-2S	On request	–
(1) Single link DVI-D w/ link redundancy				
2x USB HID	Basic Link Module	ACX1MT-DHID-2S	On request	–
(1) Single link DVI-D 2.5Gbps				
2x USB HID	Basic HS Link Module	ACX1MT-DHS-SM	On request	–
(2) Single link DVI-D				
2x USB HID	Basic Link Module	ACX2MT-DHH-SM	On request	–
(2) Single link DVI-D w/ link redundancy				
2x USB HID	Basic Link Module	ACX2MT-DHH-2S	On request	–
(2) Single link DVI 2.5Gbps				
2x USB HID	Basic Link Module	ACX2MT-DHHS-SM	On request	–
(1) Dual link DVI-D				
2x USB HID	Transmitter Card	ACX2MT-DLH-SM	On request	–
(1) Dual link DVI-D w/ link redundancy				
2x USB HID	Basic Link Module	ACX2MT-DLH-2S	On request	–
(1) Dual link DVI 2.5Gbps				
2x USB HID	Basic Link Module	ACX2MT-DLHS-SM	On request	–
(1) Dual link DVI 2.5Gbps w/ link redundancy				
2x USB HID	Basic Link Module	ACX2MT-DLHS-2S	On request	–
no video				
4x USB 2.0 transparent 480Mbps	Basic Link Module	ACX1MT-U23-SM	On request	–

Use this modules in our Modular DKM Extender housings. Choose one choice for the transmitter (CPU) and the corre selection for the receiver end (console).

Accessories

Product	Code	Unit price	Stock
Single Link DVI Splitter Cable			
Single Link DVI Splitter Cable - 2 Channel	ACXSPL12-S	Sign in	–

In-depth info

The DKM extender setup provides the widest range of possible combinations, which makes it easy to customize for your specific application.

The DKM Modular KVM Extenders are comprised of modular housing chassis with 2, 4, 6, or 21 slots, basic link modules and upgrade module for your peripheral needs. Special converter modules provide a video conversion for analog video input formats and DVI output or a 8-port DKM FXC switching module build into the DKM Extender housing to save even more space.

Basic link Modules
The modules featured on this page provide the cable connection to the remote end in a point-to-point extension respectively in a switched extension the connection to the DKM FC/FXC matrix switch. Each Modular DKM Extender housing must be equipped with at least one basic link module

Choose from CATx, fiber at 1 Gbps or high-speed fiber at 2.5 Gbps depending on your distance and bandwidth requirements. CATx is ideal for shorter distances up to 140 meters, the fiber modules work with both multi-mode (< 1km) and single mode (< 10km) fiber. The high-speed modules with 2.5 Gbps are ideal for demanding video applications.

Basic link modules are available with Single Link DVI-D, DVI-I with VGA input and DVI-D output, or HDMI video plus USB HID. Dual Link DVI-D modules will soon round up the portfolio offering either one dual link DVI-D channel up to 2560 x 1600 or two Single Link DVI-D channels up to 1920 x 1200.

Special feature modules increase your flexibility even more:
The *DVI-D splitter module* is ideal for redundant video links or applications where one source should be displayed on two different monitors.
HDMI link modules are available with local access at the transmitter for computer control or with an intergrated KVM switch at the receiver end to connect a local PC. For pure HD video distribution, choose the HDMI only modules without keyboard/mouse support.
For *high bandwidth USB 2.0* extensions finally, choose the 4-Port USB 2.0 link module allowing transparent USB 2.0 transmissions with 480 Mbps.

DKM Modular Extenders Overview
DKM Modular Housings are available with desktop chassis for two, four, or six modules or use a 19” rackmount chassis with 21 modules. For mission critical applications, all housings are available with redundant power. DC-power for industrial usage can be supplied, too. Choose one housing with transmitter modules for your computer end and one housing with the corresponding receiver modules at your user station. The desktop housings can be mounted with optional kits on DIN-rails, walls, under the table as well as in 19” racks.

Basic Link Modules offer the cable connection to the remote end. Each housing must be equipped with at least one of these modules

The Upgrade Modules carry their signals over the cable connections from the basic link modules to save on infrastructure needs a large variety of peripheral interfaces like USB HID, PS/2, embedded USB 2.0 at 36 Mbps, serial RS-232 or RS-422, bidirectional analog audio and uni-, or-bidirectional digital audio. Mix and match the options according to your application needs.

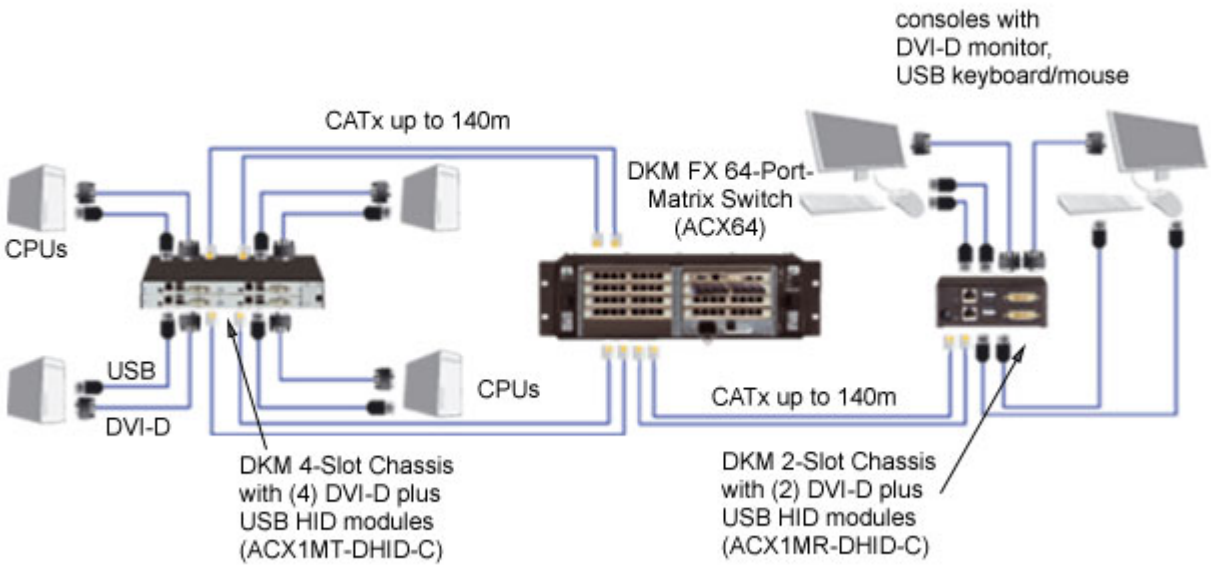
The DKM *Converter Modules* allow the integration of analog video formats like component and composite video as well as industrial video formats like EGA, CGA, MDA. In addition, there are options for SDI, HD-SDI or 3G-SDI available. The modules convert these signals into digital DVI-D signals being transmitted over the distance with any losses.

The new *DKM FXC Switching Module* provides real space savings. This module offers the full feature set of the DKM FXC CATx 8-Port Matrix Switch (ACXC08) but in a very compact design occupying only 2 Slots in your DKM extender chassis.

The DKM Extenders work as a point-to-point extension solution or can be combined with the DKM and DKM FX/FXC KVM Switches to build up a free scalable and flexible KVM switching matrix
Use our DKM configuration tool (top right of this page) to easily configure the KVM Extender according to your needs. The results are supplied in a PDF format for comfortable quote requests, ordering, and filing. If you require any assistance with your configuration, please call our Free Tech Support any time.

Diagrams

Application diagram



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