ADDER®

19 inch rack mountable KVM switch, DVI, DisplayPort, USB and audio

ADDERVIEW DDX30

Flexible 30-port KVM matrix switch for DVI/DisplayPort, USB and audio

PRODUCT IN BRIEF

The AdderView DDX30 is a new breed of high performance KVM Matrix that provides powerful functionality inside a small, compact form factor. Featuring Adder's trusted lossless KVM extension technology with flexi-port switching capability, the DDX enables multiple users to access multiple computers located safely and securely inside your server room.

- 7 fixed user ports, 23 configurable ports
- Multi-view thumbnail on-screen display
- Lossless HD video in real-time
- Extension distance of up to 50m from switch to user console
- USB for Keyboard & Mouse
- 'Zero U' DVI and DisplayPort Computer Access Modules (CAMs)

DDX-CAM (CAMs)

10m

DDX30 (switch)

50m max

DDX-USR (User Stations)
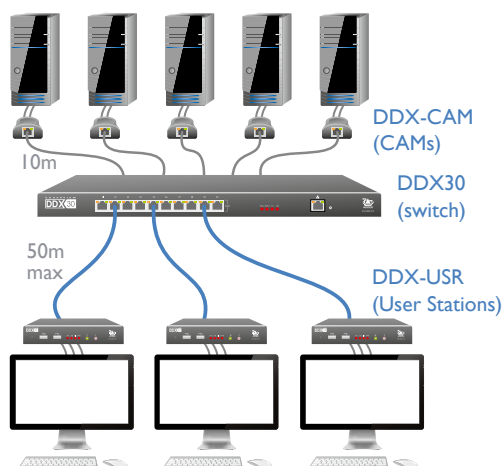
FEATURES

Flexible 30 port KVM Matrix
AdderView DDX30 is a flexible 30 port KVM Matrix which can be re-configured to match your exact requirements. In addition to 7 fixed users ports, there are 23 flexi-ports that can be configured as computer inputs or user outputs. Once the ports are configured, simply connect your Computer Access Modules and User stations.

High density KVM Matrix
The DDX range features 'zero U' computer access modules and a high density 1U KVM Matrix switch, ideal for installation in heavily populated server racks for small and medium sized applications.

Lossless HD video support
The DDX30 delivers lossless HD video at resolutions of up to 1920x1200 @60Hz providing a real-time, 'at the PC' experience. Frame rate matching makes this product ideal for applications using non standard refresh rates.

Optimal USB technology
DDX30 emulates a fully featured keyboard & mouse to all computers, maintaining fast switching speeds and instant USB interaction.

Multi-view on-screen thumbnail display for computer selection
The unique multi-view OSD provides users with a live preview of permitted computers direct on their screen. Users can highlight their selection using a mouse cursor. Once highlighted, the user has the ability to choose from 4 different connection modes.

Access permissions
Each user station can be granted different access permissions on a per computer basis. Once computer access is permitted, administrators can select which levels of control will be available, allowing users to choose between View only, Shared, Exclusive or Private connection modes.

Exclusive and private connection modes
The DDX30 enables users to work safely and securely with a choice of connection modes. In Exclusive mode, users have full KVM control while being able to share video content with other colleagues. By connecting in Private mode, users can work in privacy.

Multi-head video support
DDX30 transmitters & receivers can be grouped to form 'Computers' and 'Consoles' that support dual-head & quad-head connectivity. For example, DDX30 can be used to build a 5 users x 10 computer dual-head matrix.

'Zero U' Computer Access Modules (CAMs)
Powered by USB, the digital computer access modules sit in-line and are ideal for racks with limited space. Modules are available in DVI and DisplayPort options.

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FEATURES (continued)

Secure web control interface

System administrators can securely access the DDX30 management tools to configure system settings, set access privileges and control video connections. The interface is secured using HTTPS & administrators must login each time they connect. An API enables switch control from a 3rd party control system.

Pictured above:

DDX-CAM-DVI (DVI Computer Access Module)

DDX-CAM-DP (DP Computer Access Module)

RELATED PRODUCTS

Adder offer a vast range of products to suit your needs. Other products you may find useful are:

DDX-CAM-DVI
Computer module (transmitter) with DVI video connection

DDX-CAM-DP
Computer module (transmitter) with DisplayPort video connection

DDX-USR
User module (receiver)

X-DVIPRO

X-DVIPRO-MS2

TECHNICAL SPECIFICATIONS

System connections

30 x 8p8c ports for computer and user connections (7 front panel ports are dedicated for users).
Maximum of 23 computer connections, minimum of 1 computer.
Maximum of 29 user connections, minimum of 7 users.

Peripheral connections

1 x 8p8c for 10/100/1000 Ethernet connection. 1 x 9way D-type RS232 options port.

Power

2 x locking, 3-pin jack (1 x power adapter included), 100-240VAC 50/60Hz, 0.7A, input to power adapter, 12VDC 18W output from power adapter.

Physical design

Compact case, robust metal construction. Designed for 19 inch rack mounting: 435mm/17.13" (w), 31mm/1.22" (h), 160mm/6.3" (d), 1.9kg/4.2lbs. Rack mount included.

Operating temperature

0 to 40°C / 32 to 104°F

Rack Mount

Rack mount kit included for switch

Approvals

CE, FCC.

Local client requirements

Any of the following:
• Internet Explorer® version 10 or 11

ORDERING INFORMATION

DDX30-XX: DDX30 central switch

XX	= Mains Lead Country Code:
UK	= United Kingdom
US	= United States
EURO	= Europe
JP	= Japan

ADDITIONAL ACCESSORIES

DDX-USR-XX: DDX user station (RX unit)
DDX-CAM-DVI: DDX computer access module - DVI
DDX-CAM-DP: DDX computer access module - DisplayPort

Important extension distance details

Recommended cables are SFTP:

Daetwyler 7702	Flexible patch cable
Daetwyler 7120	Bulk cable

Res (@60Hz)	Cable	Patches	Dist
1920 x 1200	CAT6	0	50m
1920 x 1200	CAT6	2	40m

Notes:
Distances are achieved using single lengths of trunk/bulk cable with two 3 meter CAT6 patch cables.
For each additional break/patch connection reduce distance by 5 meters.
Preferably patch cables should be of type CAT6 and less than 2 meters. Patch cables over 2 meters must be CAT6.

Pictured above:

AdderView DDX30. Central KVM matrix switch

AdderView DDX USR. User module (receiver)

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