



19 inch rack mountable switch,
DVI, USB and audio

ADDERVIEW DDX30

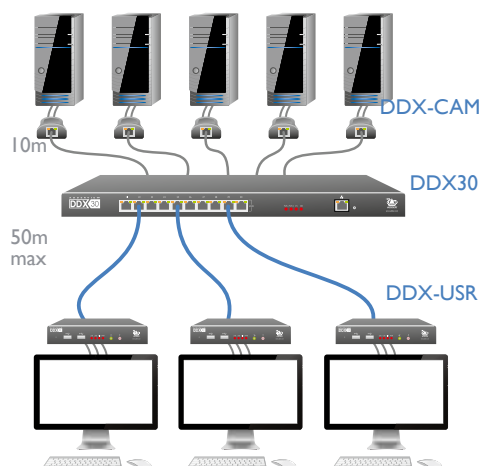
30-port flexible KVM matrix switch for DVI/DisplayPort, USB and audio



PRODUCT IN BRIEF

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

- 7 fixed user ports, 23 configurable ports
- Multi-view on-screen display
- Lossless HD video in real-time
- Extension distance of up to 50m from switch to user console
- USB for Keyboard, Mouse & Touchscreen
- DVI and DisplayPort dongle options



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' dongles and a high density 1U KVM Matrix switch ideal for installation in heavily populated server racks & small scale facilities.

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

DDX emulates a fully featured keyboard & mouse to all computers, maintaining fast switching speeds and instant USB interaction. In addition, HID touch screens can be extended back to the target computers and used to operate the multi-viewer OSD.

Multi-view on-screen display for computer selection

The unique multi-view OSD provides every user with a live preview of

permitted computers direct on their screen. Users can highlight their selection using a mouse cursor or touch screen. Once highlighted, the user has the ability to choose from 4 different connection modes.

User 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 your 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

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

'Zero U' dongles

Powered by USB, the digital computer access modules sit in-line and are ideal for racks with limited available 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.

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 Kycon® 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.

Operating temperature

0 to 40°C / 32 to 104°F

Approvals

CE, FCC.

Local client requirements

Any of the following:

- Internet Explorer® version 10 or 11
- Firefox version 24 ESR and above
- Chrome version 43

ORDERING INFORMATION

DDX30-XX: DDX 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 CAT7 shielded foiled twisted pairs:

Daetwyler 7702 Flexible patch cable
Daetwyler 7120 Bulk cable

Res (@60Hz)	Cable	Patches	Dist
1920 x 1200	CAT7	0	50m
1920 x 1200	CAT7	2	40m

Notes:

Distances are achieved using single lengths of trunk/bulk cable with two 3 meter CAT7a patch cables.

For each additional break/patch connection reduce distance by 5 meters. Preferably patch cables should be of type CAT7a and less than 2 meters. Patch cables over 2 meters must be CAT7a.

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



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