



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



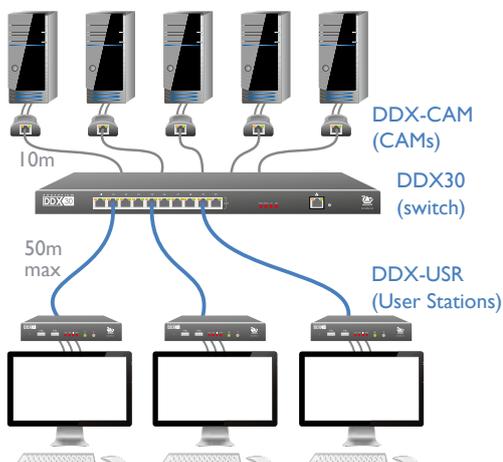
## ADDERVIEW DDX30

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

### 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 & Touchscreen
- 'Zero U' DVI, VGA and display port Computer Access Modules (CAMs)



### 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

Supports simple USB HID (Human Interface Device) only. Keyboards, mice, Windows supported touch screens.

#### 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, VGA and display port 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 or 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/storage conditions

Operating temperature: 0 to 40°C/32 to 104°F  
Mean Time Between Failure (MTBF): >400,000 hours, calculated to Telecordia standard SR-332 issue 4 March 2016 @55°C

### Rack Mount

Rack mount kit included for switch

### Approvals

CE, FCC.

## ORDERING INFORMATION

DDX30-XX: DDX30 central switch

XX = Mains Lead Country Code:  
UK = United Kingdom  
US = United States  
EURO = Europe  
CN = China  
JPN = Japan  
AUS = Australia

## 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  
DDX-CAM-VGA: DDX computer access module - VGA

### Local client requirements

Any of the following:

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

### Important extension distance details

A minimum specification of Shielded Twisted Pair (STP) cables must be used with the DDX30, DDX10, DDX CAM and DDX USR. Recommended cables are SFTP:

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

### Notes:

Unshielded cables are not suitable for the DDX. Distances are achieved using single lengths of SFTP trunk/bulk cable with two 3 meter SFTP patch cables. For each additional break/patch connection reduce distance by 5 meters. Patch cables must be SFTP.

## 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 display port video connection



**DDX-CAM-VGA**  
Computer module (transmitter) with VGA video connection



**DDX-USR**  
User module (receiver)



**DDX10**



Pictured below:

Top: DDX-USR. Middle: DDX30 switch  
Bottom, from left to right:  
DDX-CAM-DVI (DVI Computer Access Module)  
DDX-CAM-DP (DP Computer Access Module)  
DDX-CAM-VGA (VGA Computer Access Module)



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