VNET+16P

16-Port Cross Platform WUXGA KVM Switch

Control KVM (Keyboard, Video and Mouse) on 16 computers
with high-resolution WUXGA video and OSD

FEATURES

- Supports Mac, PC, Linux and Sun
- Supports high resolution 1920x1200 60Hz WUXGA
- KVM control of 16 computers, rack mountable
- Uses combo KVM cable for consolidated connectivity
- Supports USB 1.0/1.1 and PS/2 keyboard and mouse with full emulation
- Front panel tactile switches with LED status indicator
- Includes OSD (On Screen Display)
- Supports auto-scan mode for discovery
- Easy control and access

APPLICATIONS

- Government Operations
- Defense Applications
- Security Control Rooms
- Corporate Communications
- Server Operations
- Medical Campuses
- Airports
- Production Studios

MADE IN THE USA

Smart-AVI
SMART AUDIO VIDEO INNOVATION

OVERVIEW

For the wide variety of venues where smooth and user-friendly KVM (Keyboard, Video and Mouse) control are essential, the VNET+16P KVM switch by SmartAVI provides top-quality KVM functionality. Many KVM devices use multiple cables and ports for each connected computer, but the VNET+16P enables the use of combination KVM cables. These handy cables bundle WUXGA video with USB and PS/2 ports together to eliminate the mess and confusion caused by running multiple cables from each computer connected to a KVM switch.
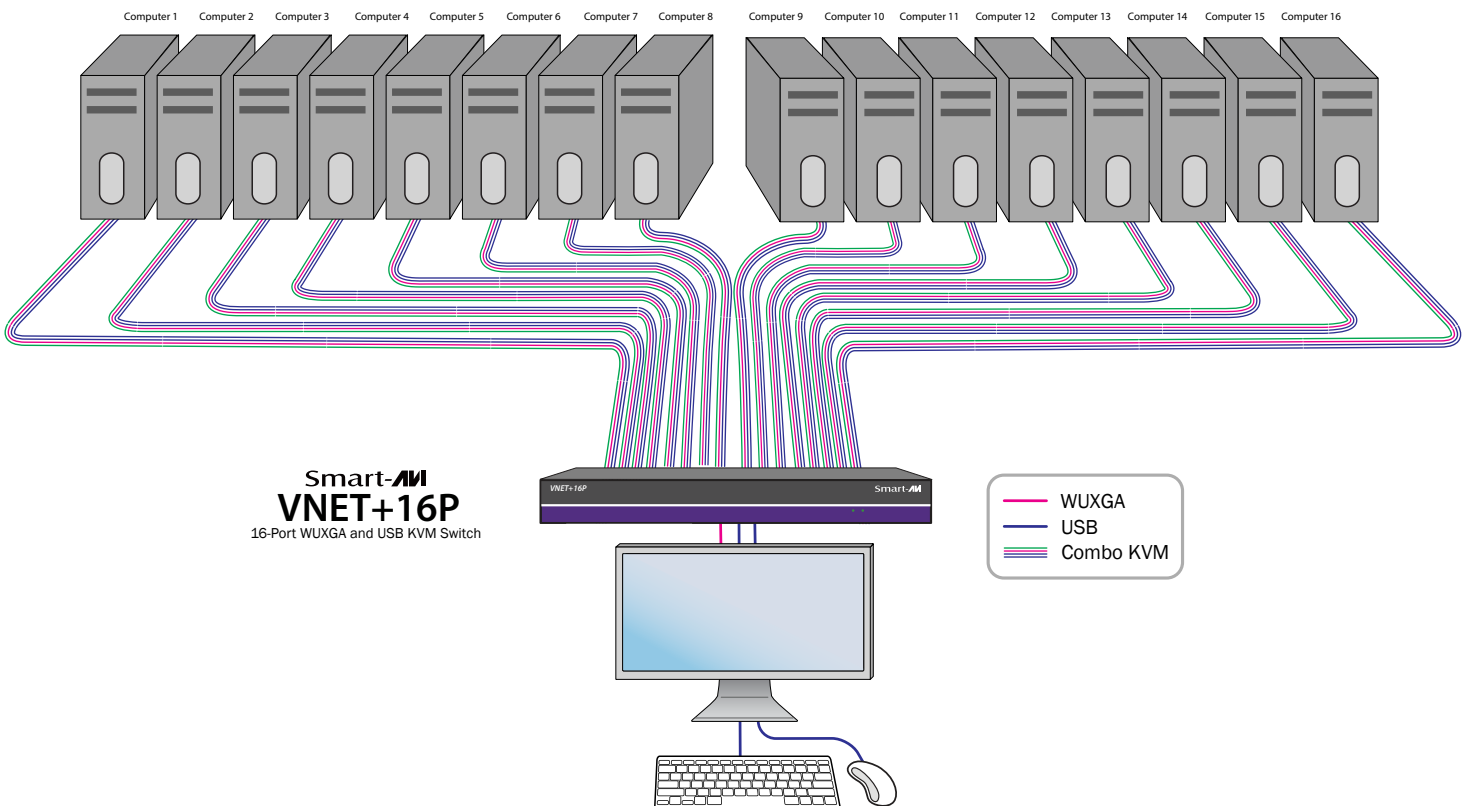
Switching control of the 16 connected computers is easy thanks to a variety of switching options. Users can switch using the front-panel switches on the device, using supported hot key functionality, or using the OSD (On Screen Display). All devices connected to the VNET+16P are hot pluggable, enabling users to add or remove devices without needing to restart the switch. The switch supports full emulation for a keyboard and mouse via USB 1.0/1.1 or PS/2 ports with high-performance mouse tracking and synchronization. Secure access through certificate authentication and data encryption is supported. There's no software required to utilize the switch, and there is a mini USB port for firmware updates.

REAL-WORLD APPLICATIONS

The VNET+16P has a broad range of applications, but the main function is to centralize the access of as many as 16 computers into a single workstation. The VNET+16P is particularly well suited to medical, industrial, studio and defense applications, where it is not practical or safe to have multiple CPUs next to the workstation. The combination KVM cable used by the switch further enhances the ability of the end user to better consolidate and organize their workstation in these and other environments:

- Server Collocation
- Hospitals
- Academic Campuses
- Airports
- Dealer Rooms

- Control Rooms
- Audio/Visual Presentations
- Shopping Centers
- Hotels/Resorts
- Production Studios

APPLICATION DIAGRAM

VNET+16P Front

VNET+16P Rear

VNET-CB1 Combined KVM Cable

VIDEO	
Format	VGA RGB Analog
Resolution HDTV	Up to 1600x1200 @85Hz, 2048x1536 @60Hz
Input Interface	(16) HD-15 Male
Output Interface	(1) HD-15 Female
H Frequency Range	30-95 kHz
V Frequency Range	50-180 Hz
USB	
Signaling	USB 1.1 and 1.0
Input Interface	(16) HD-15 Female VGA/USB
Output Interface	(2) USB Type A, (2) PS/2
Firmware Update	(1) Mini USB

CONTROL	
Front Panel	Tact Switches
OSD	On Screen Display
OTHER	
Power	External 100-240 VAC/5VDC4A @20W
Dimensions	17.3" W x 1.5" H x 6.1" D
Weight	5 lbs
Approvals	UL, CE, ROHS Compliant
Operating Temp	32-131°F (0-55 °C)
Storage Temp	-4-185 °F (-20-85 °C)
Humidity	Up to 95%

ORDERING INFORMATION	
Part No.	**Description**
VNET+16PS	16-Port WUXGA, USB KVM Switch. Includes: [VNETX-16P & (PS5VD4A)]
VNET-CB1	Combo KVM Cable for VNET+16P.

Designed and Manufactured in the USA