CL3716

16-Port USB HDMI Single Rail WideScreen LCD KVM Switch

The ATEN CL3716NX is a space-efficient 1U single-rail LCD KVM switch designed for environments where space is limited, such as control rooms across various industries. Integrating an 18.5" LED-backlit widescreen monitor, full keyboard, and touchpad into a short-depth sliding housing, it provides reliable local access while maximizing valuable rack space.

Maximize Rack Space While Maintaining Clear Visibility

The CL3716NX features a compact 1U single-rail chassis designed for shallow racks or other space-constrained environments. Its all-in-one design eliminates the need for external peripherals, and an integrated LED illumination light ensures clear visibility, supporting accurate operation even in dimly lit settings and around-the-clock use.

Centralized and Flexible Multi-System Control

Supporting direct USB and HDMI connections to 16 computers, the CL3716NX can be cascaded up to two levels, enabling control of up to 256 computers. An external console output via USB and HDMI allows connection to a larger, higher-resolution monitor or a KVM extender[1] for remote console access, providing operational flexibility and efficiency.

Reliable Video Performance for Precise Monitoring

Engineered for dependable operation, the CL3716NX delivers crisp video resolutions up to 1366 × 768 @ 60 Hz. Broadcast Mode enables commands to be sent to multiple computers simultaneously, while Auto Scan Mode provides continuous monitoring of selected systems, ensuring operators can monitor multiple systems efficiently and confidently.

Secure and Convenient System Management

Users can manage connected devices via front-panel pushbuttons, hotkeys, or a multilingual on-screen display (OSD). Two-level password protection safeguards against unauthorized access, and a dedicated, hot-pluggable USB mouse port (HID-only) on the front panel allows quick peripheral swaps, reducing downtime and improving convenience.
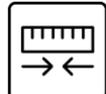
Note:
1. Please refer to the Compatible Products section below.
2. Optional rack mount kits are available. For more information, refer to Compatible Accessories below.
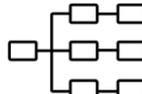

Características

- **Space Utility Optimization**
  - Exclusive LED illumination light – designed by ATEN to illuminate the keyboard and touchpad to enhance usability in dimly lit settings
  - Integrated LCD KVM console with an 18.5" LED-backlit widescreen LCD monitor in a single rail housing with top and bottom clearance for smooth operation in a 1U high system rack
  - Short-depth design allows users to work with your rack-mounting equipment in narrow spaces
  - Console lock – enables the console drawer to remain securely locked away in position when not in use

- **Reliability and Operational Versatility**
  - Superior video quality – up to 1366 x 768 @ 60 Hz
  - Cascade up to 2 levels – CL3716NX controls up to 256 computers from a single console (With compatible KVM Switches [1])
  - External console port – connect with a larger, higher-resolution monitor or pair with a KVM extender [1] to extend the console to a remote location for increased operational efficiency
  - Computer selection via pushbuttons, hotkeys, and multilingual on-screen display (OSD)
  - Broadcast mode – allows users to send commands from the console to all computers to perform operations simultaneously
  - Two level password security – only authorized users can view and control computers
  - Auto Scan mode – enables continuous monitoring of user-selected computers
  - Keyboard Language supports: English (UK), English (US), German (GER.), German (SWISS.), French, Hungarian, Italian, Japanese, Korean, Russian, Spanish, Swedish, Turkish and Traditional Chinese
  - Additional hot-pluggable USB mouse port on front panel that supports HID device for keyboard and mouse

- **Installation Flexibility**
  - Standard rack mount kit included
  - Optional rack mount kits available including easy installation options [2]
  - No software required
  - Firmware upgradable
  - Supports hot-plugging

    Note:
    1. Please refer to the Compatible Products section below.
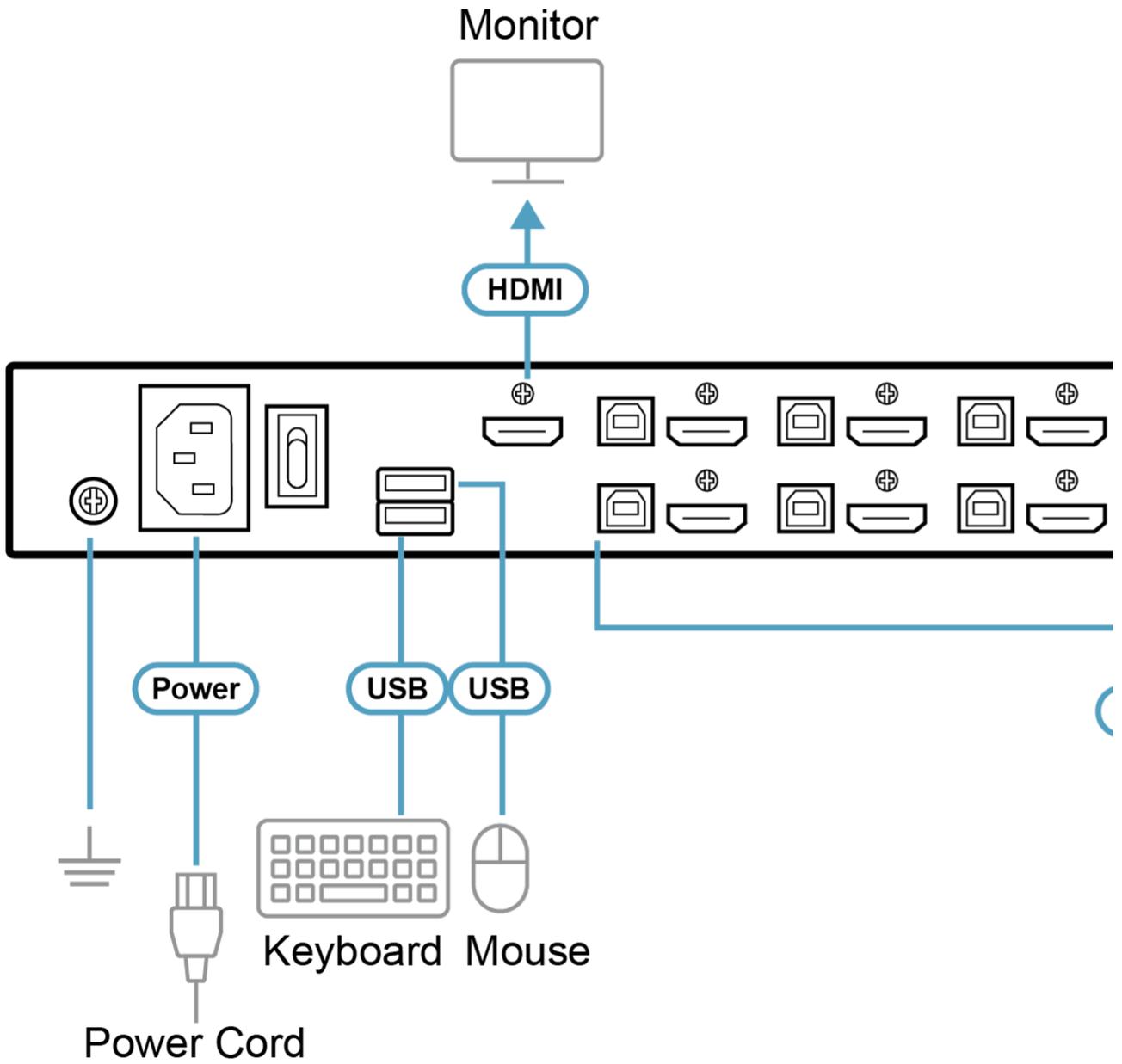   2. Contact your ATEN dealer for product information.

    More information about "Easy Rack Mounting"...

Especificaciones

Función	CL3716NX
Conexiones del PC	
Directo	16
Máximo	256 (a través de Cascade)
Selección de puerto	OSD, tecla de acceso rápido, botón pulsador
Conectores	
Puertos KVM	16 x HDMI hembra 16 x USB tipo B hembra
Actualización de firmware	1 conector hembra de audio de 3,5 mm (negro)
Alimentación	1 x IEC 60320/C14
Puerto de ratón externo	1 x USB tipo A hembra (frontal)
Puertos de consola externos	1 x HDMI hembra 2 x USB tipo A hembra
Switches	
Selección de puerto	16 x Pulsador
Reiniciar	1 x Pulsador semiempotrado
Actualización de firmware	1 x Interruptor deslizante
Alimentación	1 x Interruptor basculante
Control LCD	4 x Pulsador
Alimentación LCD	1 x Pulsador LED
LEDs	
En línea	16 (Naranja)
Seleccionado	16 (Verde)
Alimentación	1 consola KVM (verde oscuro) 1 pantalla LCD (naranja)
Bloquear	1 x Bloqueo numérico (verde) 1 x Bloqueo de mayúsculas (verde) 1 x Bloqueo de desplazamiento (verde)
Luz de iluminación LED	1 x Luz LED de iluminación
Especificaciones del panel	
Módulo LCD	18.5" TFT-LCD
Resolución	1366 x 768 @ 60 Hz
Tiempo de respuesta	5 ms
Ángulo de visión	170° (H), 160° (V)
Densidad de píxel	0.3 mm x 0.3 mm
Color de soporte	16,77 millones de colores
Relación de contraste	1000 : 1
Luminosidad	450 cd/m²
Vídeo	
Resolución de la entrada de vídeo	hasta 1920 × 1200 a 60 Hz; 1366 × 768 a 60 Hz
Segunda consola	1920 x 1200 @ 60 Hz
Intervalo de escaneado	1-255 segundos
Emulación	
Teclado / Ratón	USB
Valores nominales de alimentación de entrada	100–240 VAC, 50/60 Hz, 1 A
Consumo de energía	AC110V:29.7W:146BTU/h AC220V:30.1W:148BTU/h Nota: ● La medición en vatios indica el consumo de energía típico del aparato sin carga externa. ● La medición en BTU/h indica el consumo de energía del dispositivo cuando está totalmente cargado.
Condiciones medioambientales	
Temperatura de funcionamiento	0-40°C
Temperatura de almacenamiento	-20-60°C
Humedad	0 - 80 % HR, sin condensación

Propiedades físicas	
Carcasa	Metal + Plástico
Tipo de rail	Single rail
Peso	10.59 kg (23.33 lb)
Dimensiones (LA x AN x AL)	48.06 x 63.10 x 4.28 cm (18.92 x 24.84 x 1.69 in.)
Dimensiones del cuerpo (longitud x anchura x altura)	44.92 x 58.4 x 4.28 cm (17.69 x 22.99 x 1.69 in.)
Nota	Las dimensiones del cuerpo no incluyen los puertos de E/S, las asas ni los soportes de montaje.
Nota	Tenga en cuenta que, en algunos productos de montaje en bastidor, las dimensiones físicas estándar de anchura x profundidad x altura se expresan en el formato longitud x anchura x altura.

Diagrama

Monitor

HDMI

Power

USB   USB

Keyboard   Mouse

Power Cord

Simply Better Connections