



NebulaView 19" LCD KVM Over IP Switch, 16-Port, Dual Access (1 Local + 1 Remote)



Product Part Number

N932.KOIP1916

Product Description

The **NebulaView 19" LCD KVM Over IP Switch (16-Port)** delivers secure, high-performance remote and local server management in a sleek, 1U rack-mount form factor. Featuring an integrated **19" SXGA LCD monitor**, full-size keyboard, and precision trackball, this all-in-one console enables centralized control of up to **16 servers**—accessible both locally and remotely over LAN, WAN, or the Internet.

Designed for data centers and server rooms, NebulaView simplifies deployment with plug-and-play RJ-45 and Cat5e/6 cabling. It offers BIOS-level access, user permission controls, and high-definition remote video with adaptive streaming—ideal for mission-critical IT operations.

Product Features

- 19" SXGA TFT LCD display with native 1280×1024 resolution
- Slim 1U rack-mountable design, fits standard EIA 19" racks
- Full-size 99-key keyboard with numeric pad
- Integrated trackball mouse eliminates external accessories
- Dual power supply for redundancy and reliability
- RJ-45 interface with Cat5e/6 cabling up to 100m distance





NebulaView 19" LCD KVM Over IP Switch, 16-Port, Dual Access (1 Local + 1 Remote)

Material Specifications

Computer Connections (Direct / Max)	16 / 16
Port Selection	Button, Hotkey, Web UI
Display Type	19" SXGA TFT LCD
Display Resolution	1280×1024 @ 60Hz
Color Depth	16.7 Million
Brightness	250 cd/m ²
Contrast Ratio	1000:1
Pixel Pitch	0.2928(H) × 0.2928(W) mm
Mouse	X/Y resolution > 1000 points/inch; Scroll Wheel supported
Keyboard	99 keys (82 standard + 17 number pad)
Remote Control Interface	Web UI / KVM Client (ActiveX)
Remote Resolution	Up to 1920×1080 @ 60Hz
Security	DES / AES / 3DES encryption
Power Input	100 – 240V AC, 50–60Hz, <1.5A
Power Consumption	25W
Net Weight	13.4 kg
Product Dimensions (W × D × H)	448mm × 605mm × 42.5mm

Environmental Specifications

Operating Temperature Range	0°C to 50°C
Storage Temperature Range	-20°C to 60°C
Humidity	0–80% RH (non-condensing)





NebulaView 19" LCD KVM Over IP Switch, 16-Port, Dual Access (1 Local + 1 Remote)

Local Console Features

- Control up to **16 servers** via a single console
- Supports **1 local + 1 remote** user simultaneously (port sharing)
- Server switching via **hotkeys, web interface, or pushbuttons**
- Supports VGA, HDMI, DVI, and DisplayPort server video outputs
- Compatible with **Windows, Linux, Unix, Mac, Solaris, RedHat, Ubuntu**
- **Resolution up to 1280×1024 @ 60Hz** locally
- **Mouse synchronization** ensures smooth tracking
- **Video EDID storage** enables optimal display output
- **Broadcast mode** for parallel operations on multiple servers
- **Auto-scan mode** for periodic server monitoring
- **Hot-pluggable** design—add/remove devices without rebooting

Remote Console Features

- **10/100/1000 Mbps Ethernet** with adaptive speed detection
- Access via standard **web browser or KVM client**
- Full **BIOS-level remote control**
- **Video streaming up to 60 FPS**, adjustable for bandwidth optimization
- **Full-screen or scalable display modes**
- Secure remote sessions with **AES, DES, 3DES encryption**
- Simultaneous server control by local and remote users
- **User and group permission control**
- **Exit macros**, system logs, and audit functions for traceability
- **Firmware upgradeable** to ensure long-term product lifecycle

Ordering Information

N932.KOIP1916	NebulaView 19" LCD KVM Over IP Switch, 16-Port, Dual Access (1 Local + 1 Remote)
---------------	--

Package Contents

- 1 × NebulaView LCD KVM Over IP Console (19", 16-Port)
- 1 × USB KVM Dongle (*Optional*)
- 2 × Mounting Rails
- 1 × Shielded Network Cable
- 1 × Power Cord
- 1 × Ground Wire
- 1 × Quick Start Guide
- 1 × User Manual





NebulaView 19" LCD KVM Over IP Switch, 16-Port, Dual Access (1 Local + 1 Remote)

Shipping Information

Item	Dimension	Nominal Net Weight
Product	Width : 448mm Depth : 605mm Height : 42.5mm	Weight : 13.4kg
Packaging	Width : 765mm Depth : 615mm Height : 185mm	

