



# 16-Port Rackmount KVM Switch

**Combo USB + PS/2, On-Screen Display**

**System management made easier.**

**Model**  
524643

This INTELLINET NETWORK SOLUTIONS™ KVM Switch is a 16-port USB PS/2 rackmount switch designed for computer/server management on a central console in corporate, factory and campus computing environments. It provides an on-screen display (OSD) for intuitive KVM switching operations, and its cascading feature can help upscale the number of connected computers. The switch offers a dedicated controller for each port to keep the mouse and keyboard alive even when the KVM switch is not powered on. Excellent video quality with minimal degradation is guaranteed even when daisy-chained up to 256 units. Perfect keyboard/mouse emulation provides high compatibility with PCs, servers and various operating systems.

## **USB and PS/2 Interface Support**

Supports the USB and the PS/2 interface standard on both console and PC side. This is especially useful in an environment with mixed equipment; e.g., older computers with PS/2 connections and newer models featuring USB ports.

## **OSD Support**

With the integrated on-screen display (OSD), operating and programming the KVM switch options becomes a breeze. Many users will find the intuitive menu-driven operation indispensable for a truly convenient KVM switching experience.

## **Professional Features**

This switch provides professional features such as Auto Logout, password protection, firmware upgrade and daisy-chaining (cascading). Its metal housing provides excellent shielding against electromagnetic interference and offers sturdy protection needed to withstand accidental impact.

## **Lifetime Warranty**

Strict manufacturing standards ensure the highest quality in all INTELLINET NETWORK SOLUTIONS products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.





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## Features

- Manage/control up to 16 PCs from a single keyboard, monitor and mouse
- USB and PS/2 interface support on both console and PC side
- Pop-up on-screen display (OSD) menu
- Computer selection and operation using front-panel push buttons, keyboard hotkeys and OSD menu
- Cascadable up to 256 units
- Hot Plug and Play: no need to shut down the KVM switch to attach or remove PCs
- Numerical display and LED indicators for easy bank/port status monitoring
- Supports 2048 x 1536 resolution
- Supports Microsoft and Logitech standard 5-key mice and compatible models
- Buzzer sound for hotkey and port switching confirmation
- Auto-Scan period programmable via OSD menu option
- Password protection
- Auto-logout timeout support
- No software required
- Works independently of computer operating systems
- One 4-in-1 connection cable (505727) included; additional connection cables (505727, 505734 or 505840) required per port
- Lifetime Warranty

## Specifications

### STANDARDS

- USB 1.1 / 2.0

### GENERAL

- PC connections: 16
- Console connections: 1
- PC port connectors:
  - 16 x HD15 female connections for use with 4-in-1 connection cables (505727, 505734, 505840)
- Console port connectors:
  - 2 x USB type A (keyboard, mouse)
  - 2 x PS/2 mini-DIN 6 female (keyboard, mouse)
  - 1 x HD15 female (video)
- Computer selection:
  - Via buttons
  - Via hotkeys
  - Via on-screen display (OSD)
- Cascading function:
  - Cascade up to 256 KVM switches
  - Compatible models: 524643 (16-port), 524629 (8-port)
- Video resolution: max. 2048 x 1536
- Video bandwidth: max. 350 MHz
- FCC Class B, CE, RoHS

### LEDs

- 1 green Online LED per channel
- 1 red PC Selection LED per channel

### ENVIRONMENTAL

- Metal housing
- Dimensions: 440 (L) x 157 (W) x 45 (H) mm (17.3 x 6.1 x 1.5 in.)
- Weight: 1.9 kg (4.18 lbs.)
- Operating temperature: 0 – 50°C (32 – 122°F)
- Operating humidity: 0 – 80% RH, non-condensing
- Storage temperature: -20 – 60°C (-4 – 140°F)

### POWER

- External power adapter: DC 5 V, 2 A

### PACKAGE CONTENTS

- 16-Port Rackmount KVM Switch
- 19" rackmount brackets
- User manual
- 4-in-1 connection cable (505727)

For more information on INTELLINET NETWORK SOLUTIONS products, consult your local dealer or visit [www.intellinet-network.com](http://www.intellinet-network.com).



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