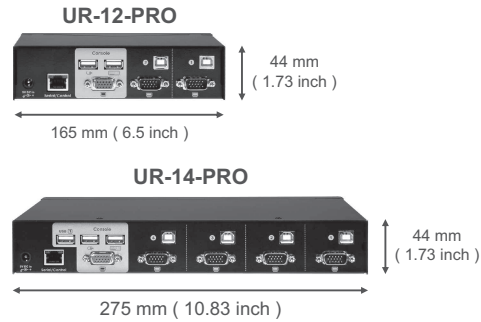
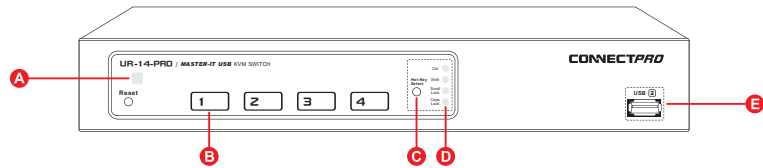


## Installation Guide

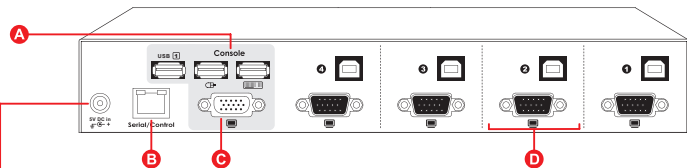
### Product View



### Front & Rear View



- A** IR Remote Control Sensor
- B** Push-button selection
- C** Hot-key selection
- D** Hot-key indicator (both LEDs not lit = hot-key has been disabled)
- E** USB device sharing port (high speed USB 2.0)



**Power input**  
DC 5V 2000 mA

Master-IT USB switches are designed for effectively saving energy.

- A** USB 2.0 console connections for mouse (left) and keyboard (right)  
*\* If using a combo keyboard / mouse connector, please plug it to keyboard port*
- B** Serial port for extra control and firmware upgrade
- C** VGA connection for LCD or CRT monitor
- D** KVM ports for connecting systems

### Connect Cables



Connect Power Adaptor

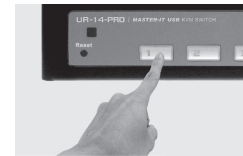


Connect console  
1. Monitor  
2. Mouse  
3. Keyboard



Connect KVM cable from computer system to KVM ports

### Port Selection



Press button to select port for control



Type hot-key to select port for control



Use IR remote controller for selecting port (optional)

### Ordering Information

| Model   | Description  |
|---|--|
| UR-12-PRO                                       | 2-port USB VGA KVM Switch  |
| UR-14-PRO                                       | 4-port USB VGA KVM Switch  |
| <b>Optional part / accessory</b>                |  |
| <b>Cables</b>                                   |  |
| SPU-06  | 6-ft VGA & USB KVM cable   |
| SPU-10  | 10-ft VGA & USB KVM cable  |
| SPU-15  | 15-ft VGA & USB KVM cable, special length of KVM cables are available (25-ft, 50-ft, 75-ft and 100-ft) |
| <b>Power Adaptor</b>                            |  |
| 3A-111WX05                                      | Power supply DC 5V (2000 mA) - AC 110/220V for USA   |
| * Any other interface is available upon request |  |
| <b>IR Remote Controller</b>                     |  |
| RC-01   | IR remote controller for 2-port & 4-port KVM Switch  |
| <b>Rack Mounting Kit</b>                        |  |
| RMK-1901C                                       | 19" rack mounting bracket set & cable support bar for 4-port KVM Switch                                |

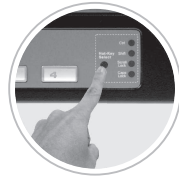
## Features & Benefits

- Compatible with Windows ( Windows 98, 2000, XP, Vista, Windows 7 ), Linux and Mac OS
- Front panel push-button for easy computer selection
- User selectable multi-hotkey ( Ctrl, Shift, Scroll Lock, Caps Lock )
- Backlit push-button with multi-color LED for easy monitoring and selection
- Built-in IR remote receiver and selectable Hot-key control
- Buzzer sound for computer switching confirmation
- Plug-and-Play system configuration
- Additional USB ports for device sharing, or assign to certain port
- No drivers needed for keyboard and mouse operation
- High compatible with USB HID devices
- RS-232 control and firmware upgradable
- 400 MHz bandwidth for higher resolution display
- Max video resolution supported 1920 x 1440 @ 60 Hz
- Built-in All-time Full DDC ( Active - DDC to all connected systems )
- 3-year Warranty

## Hot-Key Command

### 1. Hot-key selection via front panel Hot-key select button

- Default Hot-key = **Ctrl**



### 2. Hot-key and functions

**Hot-key** + **Hot-key** + **1** → Switch to Port #1

**Hot-key** + **Hot-key** + **2** → Switch to Port #2

**Hot-key** + **Hot-key** + **3** → Switch to Port #3

**Hot-key** + **Hot-key** + **4** → Switch to Port #4

**Hot-key** + **Hot-key** + **Z** → Turn switching confirmation buzzer sound on/off

- Default = buzzer sound off

**Hot-key** + **Hot-key** + **S** **N** → Turn on Auto Channel Scan

- **S** = last setting interval , default = 5 seconds
- **N** ( **1** ~ **5** ) = 5, 8, 15, 20, 30 seconds
- Turn off Auto Channel Scan by pressing any key

### 3. Assign USB port command

**Hot-key** + **Hot-key** + **H** + ( **1** or **2** ) + **P** + ( **1** ~ **4** ) → Assign USB #1 or USB #2 for a certain port use only

**Hot-key** + **Hot-key** + **H** + **0** + **P** + **0** → Default USB port setting ( Sync with KVM port selection )

## Specification

|                                      |                             | UR-12-PRO  | UR-14-PRO             |
|--------------------------------------|-----------------------------|--|-----------------------|
| <b>Functional</b>                    |                             |  |                       |
| <b>Computer port number</b>          |                             | 2  | 4                     |
| <b>Panel button control</b>          |                             | 2  | 4                     |
| <b>Button LED color indication</b>   |                             | PC On-Line - Green , Selected - Red , Both - Yellow  |                       |
| <b>IR remote control</b>             |                             | Yes ( Built-in receiver, controller RC-01 optional ) |                       |
| <b>Hot plug-and-play</b>             |                             | Yes  |                       |
| <b>Hot key control</b>               |                             | Yes  |                       |
| <b>Auto scan</b>                     |                             | Yes ( Hot key )                                      |                       |
| <b>Selectable scan interval</b>      |                             | 5, 8, 15, 20, 30 sec ( Hot key )                     |                       |
| <b>Beep sound</b>                    |                             | On / Off ( Hot key selectable )                      |                       |
| <b>Cable length ( Max )</b>          |                             | 5M ( 15ft ) for USB ; 30M ( 100ft ) for VGA          |                       |
| <b>VGA resolution</b>                |                             | Max 1920 x 1440 , 400 MHz , DDC1 / DDC2B             |                       |
| <b>System connectors</b>             | <b>Keyboard &amp; Mouse</b> | USB B x 2  | USB B x 4             |
|                                      | <b>Monitor</b>              | HDB-15 Male x 2                                      | HDB-15 Male x 4       |
| <b>Console connectors</b>            | <b>Keyboard &amp; Mouse</b> | USB A x 2  | USB A x 2             |
|                                      | <b>Monitor</b>              | HDB-15 Female x 1                                    | HDB-15 Female x 1     |
| <b>Total USB device sharing port</b> |                             | USB A ( USB 2.0 ) x 4                                |                       |
| <b>Mechanical</b>                    |                             |  |                       |
| <b>Height</b>                        |                             | 44 mm ( 1.73 inch )                                  | 44 mm ( 1.73 inch )   |
| <b>Width</b>                         |                             | 165 mm ( 6.5 inch )                                  | 275 mm ( 10.83 inch ) |
| <b>Depth</b>                         |                             | 76 mm ( 2.99 inch )                                  | 131 mm ( 5.16 inch )  |
| <b>Weight</b>                        |                             | 530 g ( 1.17 lb )                                    | 1150 g ( 2.54 lb )    |
| <b>Power</b>                         |                             |  |                       |
| <b>Operating voltage</b>             |                             | DC 5V ( 2000 mA )                                    |                       |
| <b>Power frequency</b>               |                             | 50-60 Hz   |                       |
| <b>Certification</b>                 |                             |  |                       |
|                                      |                             | FCC, CE  |                       |

## Limited Warranty For ConnectPRO KVM Switches

ConnectPRO offers a 3-year limited warranty for all of its KVM Switches and KVM Switch modules. ConnectPRO stands behind its products assured that you're purchasing a proven technology with quality and reliability.

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