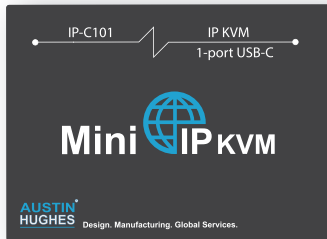


# Mini IP KVM

- ★ Mini Size
- ★ Variety of Video Port Selection
- ★ 1-port, 2-port, 4-port IP KVM Gateway
- ★ User Friendly IP Remote Access
- ★ OS Support : Mac / Windows / Linux

FC CE CB UK CA RoHS3 REACH



## Smaller. Faster. Easier

Embracing the ever-growing trend, SOHO has emerged as the epitome of modern workspaces, blending the comforts of home with the convenience of an office.

Austin Hughes Mini IP KVM is the ultimate solution for remote server management. With advanced features, you'll have complete control over your servers anytime, anywhere.

Its compact size makes it perfect for small spaces, while its user-friendly interface ensures easy setup and operation.

**AUSTIN**<sup>®</sup>  
**HUGHES**

## Why Mini IP KVM ?

In today's digital age, businesses and organizations are increasingly reliant on remote management to save manpower & travel costs. IT administrators need to remotely manage PCs or servers over IP.

IP KVM switches can be applied in different locations, for example : commercial offices, home offices, information service counters, training rooms, or any other installation environment.

In the work area with limited space, a small IP KVM with stylish design can better meet the needs of user. This is where the Austin Hughes Mini IP KVM series comes into play - as a convenient, cost effective solution for remote server management.

## Applications

Unlike a rackmount KVM which is mounted inside an IT server rack enclosure, Mini IP KVM can be applied in diversified applications. Mini IP KVM is designed for a variety of market and industries - SOHO (Small Office/ Home Office), Transportation (Air, Land and Sea), Broadcasting, Entertainment, Advertising, Manufacturing, Mining, Satellite, Defense, Education, Telecommunication, Finance & Banking, Commercial, etc.

**01**

- Commercial Offices
- Telecommunication Offices
- Satellite Stations
- Digital Signage
- Video Walls
- Services Centers

**02**

- SOHO (Small Office/Home Office)
- Remote office



**03**

- Airport Check-in Kiosks
- Shopping Mall Kiosks
- ATM Machines
- Ticketing System
- Vending Machines
- Information Desks

**04**

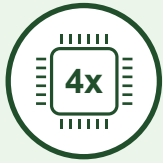
- Universities
- Education Institutes
- Lecture Theatres
- Tutorial Classes
- Training Rooms

## Technical Specifications



### High Performance IP Remote Access

- Powerful graphic accelerator for high quality video and image via IP.
- High performance streaming of FHD 1080 video



### Quad-core Processor IP KVM

- Delivers high-performance video encode and decode.
- Efficient real-time video transport
- Low-latency remote management



### Enterprise Level IP Authentication

- Support high-speed network IP via 1000Base-T (Gigabit) Ethernet port
- Utilizes 256-bit high level encryption.
- Strong passwords for user permissions.
- Support HTTP (s) management protocols.



### Control over IP & BIOS-level Access

- Full physical remote control to servers' console.
- No need to run the OS on the connected servers

## Model Coverage



### USB-C

- 1-port ( IP-C101 )
- 2-port ( IP-C102 )
- 4-port ( IP-C104 )



### VGA

- 1-port ( IP-S101 )
- 2-port ( IP-S102 )
- 4-port ( IP-S104 )



### HDMI

- 1-port ( IP-H101 )
- 2-port ( IP-H102 )
- 4-port ( IP-H104 )



### DVI-D

- 1-port ( IP-D101 )
- 2-port ( IP-D102 )
- 4-port ( IP-D104 )



## Benefits

- IP remote access to PC(s) with USB-C connection
- 1-port, 2-port, 4-port models for selection
- OS Support : Mac / Windows / Linux
- Stylish mini size chassis for limited spacing environment
- Powerful quad-core processor for high quality video & image via IP
- Enterprise level IP authentication
- User-friendly HTML-base & Java-free remote access over IP
- Support BIOS access, no need to run OS on the connected PC(s)
- Hot pluggable, no software or drivers required
- 2 x USB hub port share peripheral devices among PC(s)

## Specifications

IP Console	
Connector	1000 BaseT Gigabit Ethernet Port ( RJ45 )
User management	1 x active user, 15-user login
Network protocol	DHCP / BOOTP / DNS
Security	TLS 1.3, AES, LDAP, Active Directory (AD), HTTP(s)
Browser	Safari, Chrome, Firefox, Edge, etc.
Resolution ( max )	1920 x 1080 / 1920 x 1200 / 1600 x 1200

KVM Port	
Port number	1 / 2 / 4
Connector	USB-C ( Video + KB / MS )
Resolution ( max )	1920 x 1080 / 1920 x 1200 / 1600 x 1200

Local Console	
Video	1 x HDMI 1.4
Keyboard / Mouse	2 x USB-A
USB Hub 2.0	2 x USB-A
Resolution ( max )	1920 x 1080 / 1920 x 1200 / 1600 x 1200

Compatibility	
Hardware compatibility	Mac / HP / IBM / Dell PC, Server and Blade Server
OS support	Mac / Windows / Linux

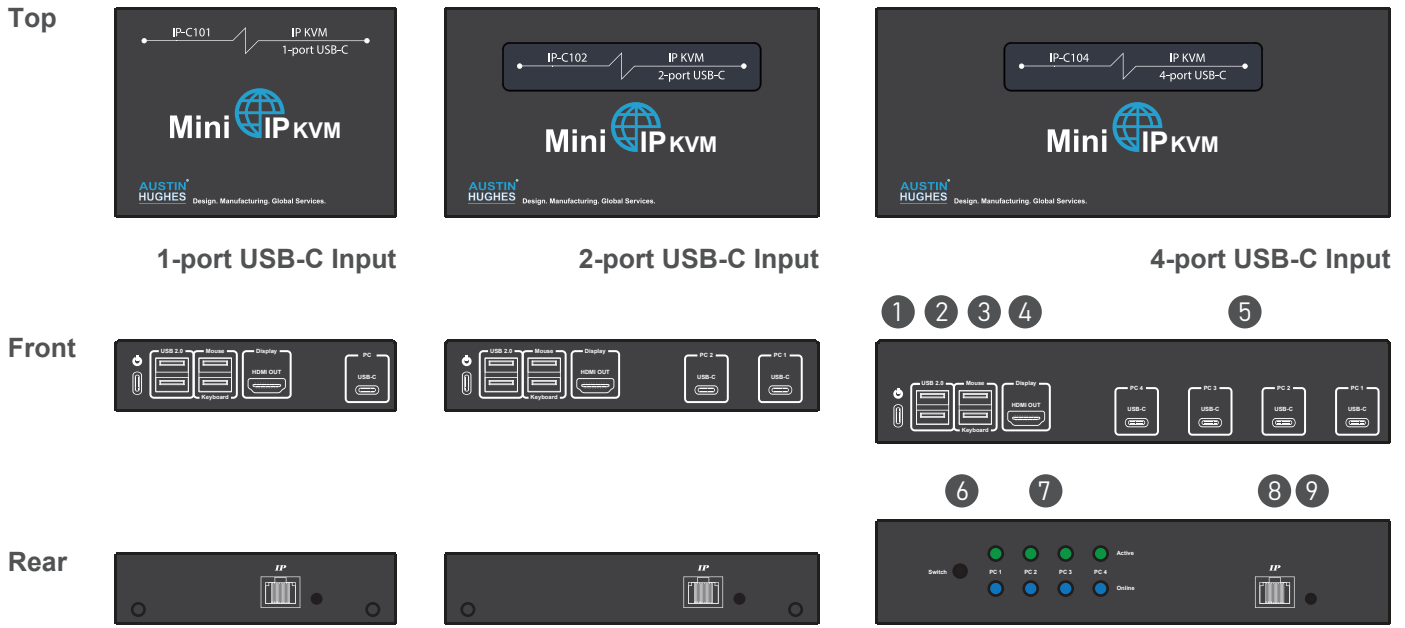
Compliance	
EMC	FCC & CE
Safety	CB, CE / LVD & UKCA
Environment	RoHS3 & REACH

Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	20 to 90%, non-condensing
Storage humidity	5 to 90%, non-condensing
Operating altitude	16,000 ft
Non-operating altitude	40,000 ft
Shock	10G acceleration ( 11ms duration )
Vibration	5~500Hz 1G RMS random vibration

Power	
Input	USB-C
Consumption	Max. 11W

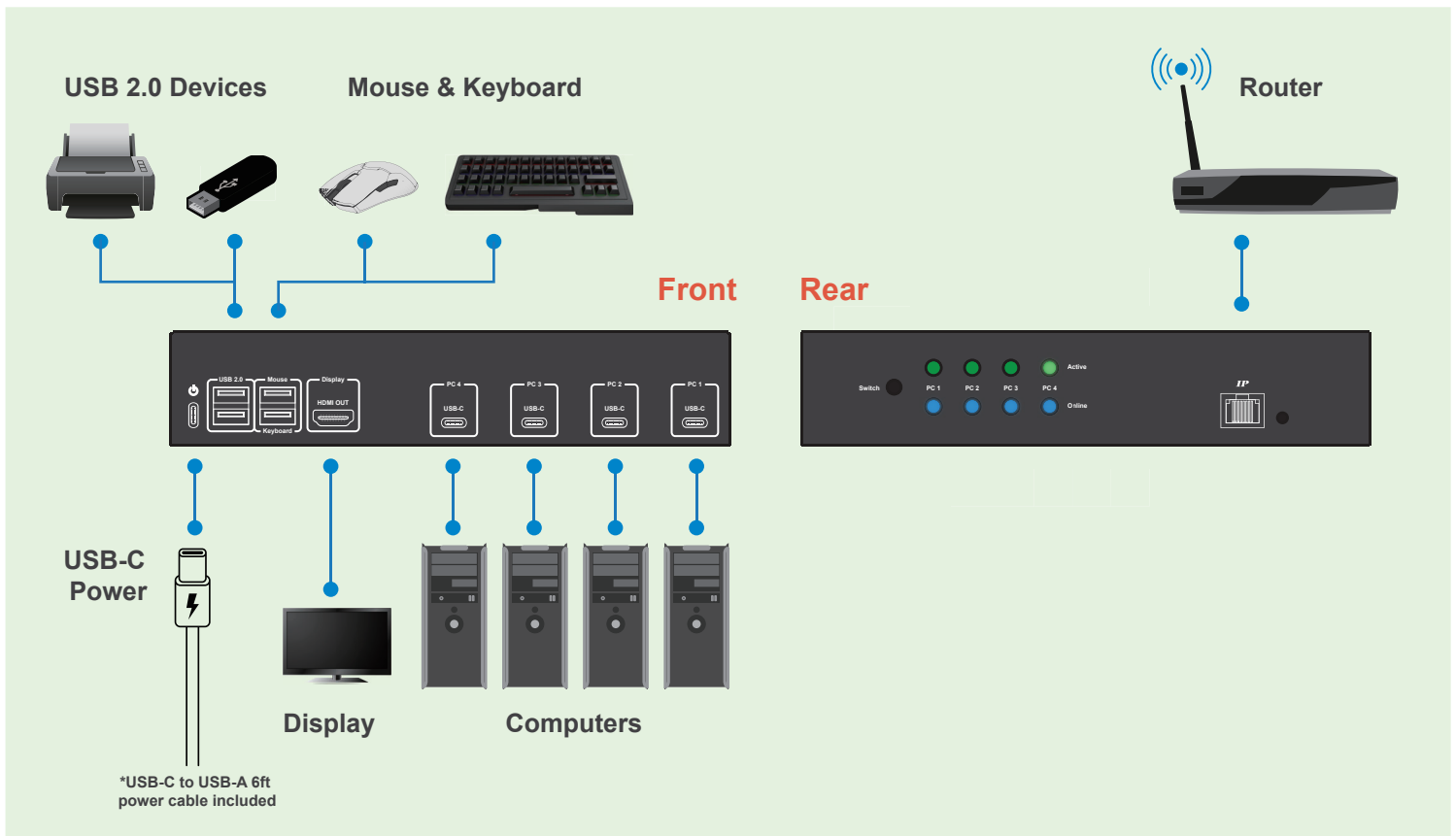
Physical		IP-C101	IP-C102	IP-C104
Product (W x D x H)		120 x 87 x 30 (mm) 4.72 x 3.43 x 1.18 (inch)	160 x 87 x 30 (mm) 6.30 x 3.43 x 1.18 (inch)	220 x 87 x 44 (mm) 8.66 x 3.43 x 1.73 (inch)
Packing (W x D x H)		358 x 257 x 55 mm 14.09 x 10.12 x 2.17 inch		
Weight	Net	0.445 kg / 0.981 lb	0.578 kg / 1.274 lb	0.712 kg / 1.569 lb
	Gross	0.745 kg / 1.642 lb	0.878 kg / 1.936 lb	1.212 kg / 2.672 lb
Chassis color		Dark		
Chassis materials		Steel		

## Design Overview



- ① Power input
- ② USB-A for USB 2.0 Devices
- ③ USB-A for Keyboard & Mouse
- ④ HDMI Output to Monitor
- ⑤ USB-C to Computers
- ⑥ PC Selection Switch ( 4-port model only )
- ⑦ LED Indicators ( 4-port model only )
- ⑧ 1000 BaseT Gigabit Ethernet
- ⑨ Reset

## Connection Diagram





## Benefits

- IP remote access to PC(s) with HDMI connection
- 1-port, 2-port, 4-port models for selection
- OS Support : Mac / Windows / Linux
- Stylish mini size chassis for limited spacing environment
- Powerful quad-core processor for high quality video & image via IP
- Enterprise level IP authentication
- User-friendly HTML-base & Java-free remote access over IP
- Support BIOS access, no need to run OS on the connected PC(s)
- Hot pluggable, no software or drivers required
- 2 x USB hub port share peripheral devices among PC(s)

## Specifications

IP Console	
Connector	1000 BaseT Gigabit Ethernet Port ( RJ45 )
User management	1 x active user, 15-user login
Network protocol	DHCP / BOOTP / DNS
Security	TLS 1.3, AES, LDAP, Active Directory (AD), HTTP(s)
Browser	Safari, Chrome, Firefox, Edge, etc.
Resolution ( max )	1920 x 1080 / 1920 x 1200 / 1600 x 1200

KVM Port	
Port number	1 / 2 / 4
Connector	HDMI 1.4 + USB-B ( Video + KB / MS )
Resolution ( max )	1920 x 1080 / 1920 x 1200 / 1600 x 1200

Local Console	
Video	1 x HDMI 1.4
Keyboard / Mouse	2 x USB-A
USB Hub 2.0	2 x USB-A
Resolution ( max )	1920 x 1080 / 1920 x 1200 / 1600 x 1200

Physical	IP-H101	IP-H102	IP-H104
Product (W x D x H)	160 x 87 x 30 (mm) 6.30 x 3.43 x 1.18 (inch)	220 x 87 x 30 (mm) 8.66 x 3.43 x 1.18 (inch)	220 x 87 x 44 (mm) 8.66 x 3.43 x 1.73 (inch)
Packing (W x D x H)	358 x 257 x 55 mm 14.09 x 10.12 x 2.17 inch		
Weight	Net 0.469 kg / 1.034 lb Gross 0.769 kg / 1.695 lb	0.609 kg / 1.343 lb 0.909 kg / 2.005 lb	0.750 kg / 1.653 lb 1.250 kg / 2.756 lb
Chassis color	Dark		
Chassis materials	Steel		

Compatibility	
Hardware compatibility	Mac / HP / IBM / Dell PC, Server and Blade Server
OS support	Mac / Windows / Linux

Compliance	
EMC	FCC & CE
Safety	CB, CE / LVD & UKCA
Environment	RoHS3 & REACH

Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	20 to 90%, non-condensing
Storage humidity	5 to 90%, non-condensing
Operating altitude	16,000 ft
Non-operating altitude	40,000 ft
Shock	10G acceleration ( 11ms duration )
Vibration	5~500Hz 1G RMS random vibration

Power	
Input	USB-C
Consumption	Max. 11W

## Design Overview

Top



1-port HDMI Input



2-port HDMI Input



4-port HDMI Input

Front

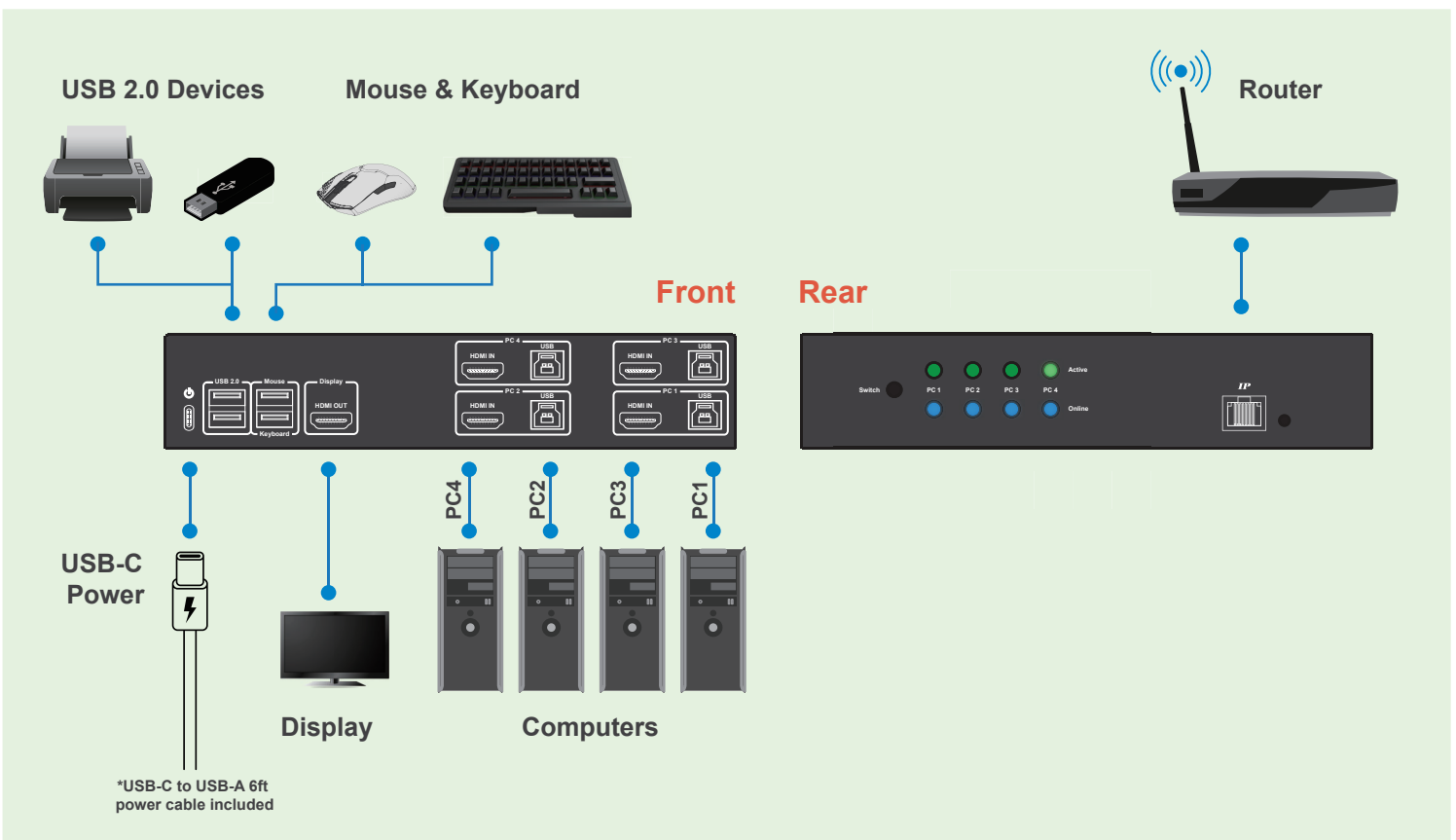


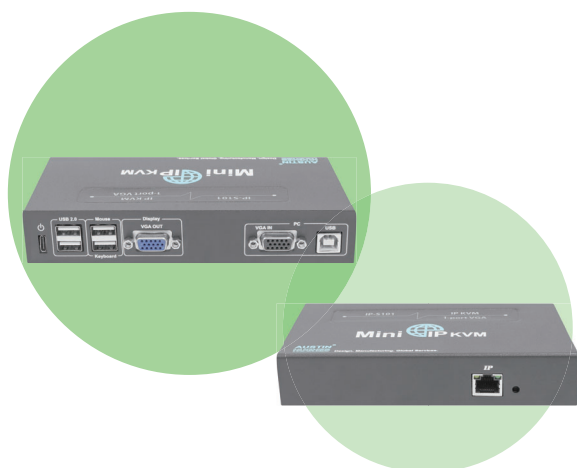
Rear



- ① Power input
- ② USB-A for USB 2.0 Devices
- ③ USB-A for Keyboard & Mouse
- ④ HDMI Output to Monitor
- ⑤ HDMI to Computers
- ⑥ PC Selection Switch ( 4-port model only )
- ⑦ LED Indicators ( 4-port model only )
- ⑧ 1000 BaseT Gigabit Ethernet
- ⑨ Reset

## Connection Diagram





## Benefits

- IP remote access to PC(s) with VGA connection
- 1-port, 2-port, 4-port models for selection
- OS Support : Mac / Windows / Linux
- Stylish mini size chassis for limited spacing environment
- Powerful quad-core processor for high quality video & image via IP
- Enterprise level IP authentication
- User-friendly HTML-base & Java-free remote access over IP
- Support BIOS access, no need to run OS on the connected PC(s)
- Hot pluggable, no software or drivers required
- 2 x USB hub port share peripheral devices among PC(s)

## Specifications

IP Console	
Connector	1000 BaseT Gigabit Ethernet Port ( RJ45 )
User management	1 x active user, 15-user login
Network protocol	DHCP / BOOTP / DNS
Security	TLS 1.3, AES, LDAP, Active Directory (AD), HTTP(s)
Browser	Safari, Chrome, Firefox, Edge, etc.
Resolution ( max )	1920 x 1080 / 1920 x 1200 / 1600 x 1200

KVM Port	
Port number	1 / 2 / 4
Connector	VGA + USB-B ( Video + KB / MS )
Resolution ( max )	1920 x 1080 / 1920 x 1200 / 1600 x 1200

Local Console	
Video	1 x VGA
Keyboard / Mouse	2 x USB-A
USB Hub 2.0	2 x USB-A
Resolution ( max )	1920 x 1080 / 1920 x 1200 / 1600 x 1200

Compatibility	
Hardware compatibility	Mac / HP / IBM / Dell PC, Server and Blade Server
OS support	Mac / Windows / Linux

Compliance	
EMC	FCC & CE
Safety	CB, CE / LVD & UKCA
Environment	RoHS3 & REACH

Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	20 to 90%, non-condensing
Storage humidity	5 to 90%, non-condensing
Operating altitude	16,000 ft
Non-operating altitude	40,000 ft
Shock	10G acceleration ( 11ms duration )
Vibration	5~500Hz 1G RMS random vibration

Power	
Input	USB-C
Consumption	Max. 11W

Physical		IP-S101	IP-S102	IP-S104
Product (W x D x H)		160 x 87 x 30 (mm) 6.30 x 3.43 x 1.18 (inch)	220 x 87 x 30 (mm) 8.66 x 3.43 x 1.18 (inch)	220 x 87 x 44 (mm) 8.66 x 3.43 x 1.73 (inch)
Packing (W x D x H)		358 x 257 x 55 mm 14.09 x 10.12 x 2.17 inch		
Weight	Net	0.472 kg / 1.04 lb	0.613 kg / 1.351 lb	0.754 kg / 1.662 lb
	Gross	0.772 kg / 1.702 lb	0.913 kg / 2.013 lb	1.254 kg / 2.765 lb
Chassis color		Dark		
Chassis materials		Steel		



## Design Overview

Top



1-port VGA Input

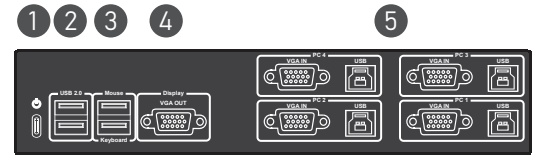
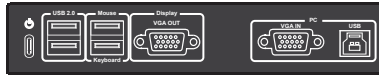


2-port VGA Input



4-port VGA Input

Front

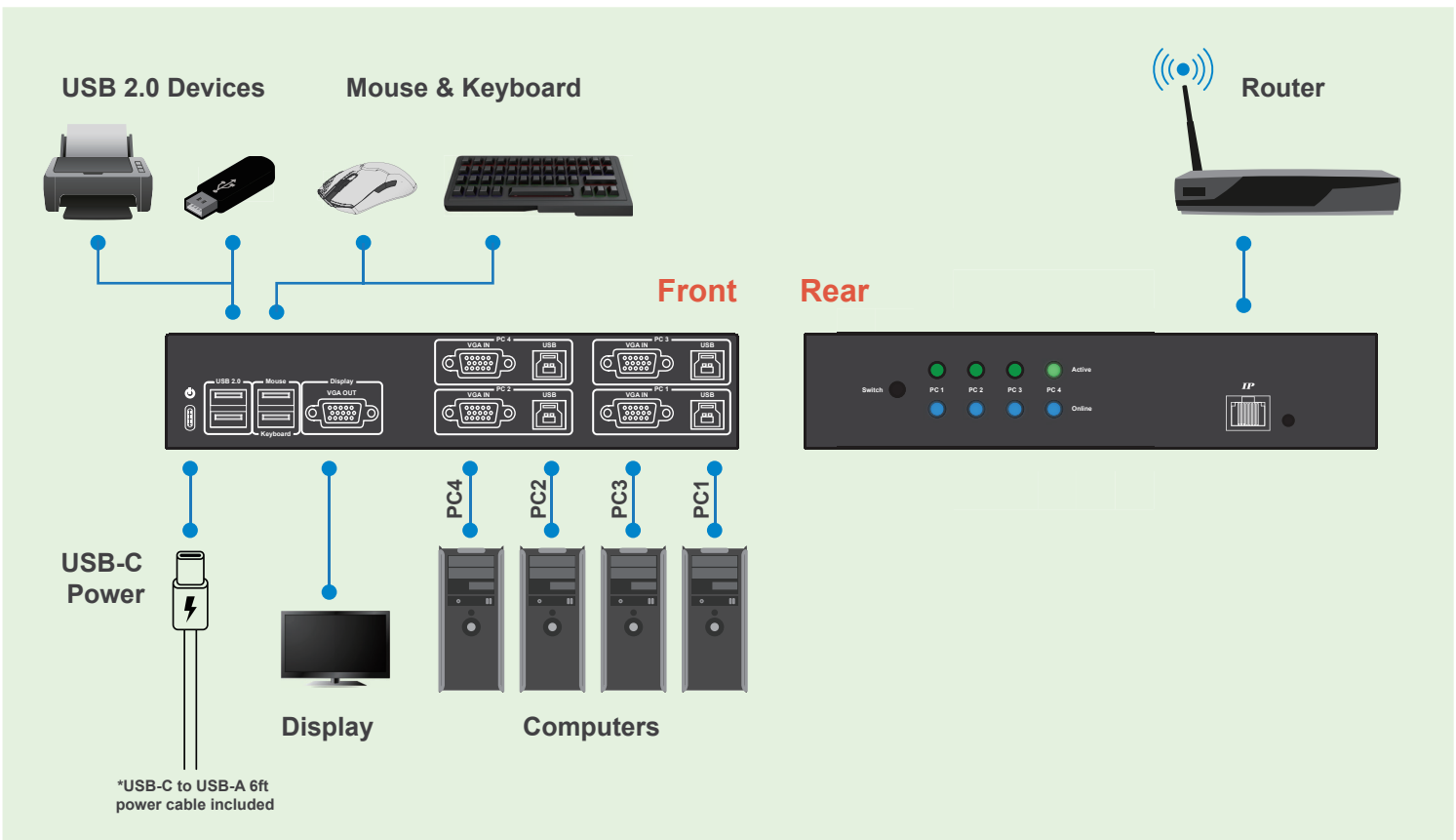


Rear



- 1 Power input
- 2 USB-A for USB 2.0 Devices
- 3 USB-A for Keyboard & Mouse
- 4 HDMI Output to Monitor
- 5 VGA to Computers
- 6 PC Selection Switch ( 4-port model only )
- 7 LED Indicators ( 4-port model only )
- 8 1000 BaseT Gigabit Ethernet
- 9 Reset

## Connection Diagram





## Benefits

- IP remote access to PC(s) with DVI-D connection
- 1-port, 2-port, 4-port models for selection
- OS Support : Mac / Windows / Linux
- Stylish mini size chassis for limited spacing environment
- Powerful quad-core processor for high quality video & image via IP
- Enterprise level IP authentication
- User-friendly HTML-base & Java-free remote access over IP
- Support BIOS access, no need to run OS on the connected PC(s)
- Hot pluggable, no software or drivers required
- 2 x USB hub port share peripheral devices among PC(s)

## Specifications

IP Console	
Connector	1000 BaseT Gigabit Ethernet Port ( RJ45 )
User management	1 x active user, 15-user login
Network protocol	DHCP / BOOTP / DNS
Security	TLS 1.3, AES, LDAP, Active Directory (AD), HTTP(s)
Browser	Safari, Chrome, Firefox, Edge, etc.
Resolution ( max )	1920 x 1080 / 1920 x 1200 / 1600 x 1200

KVM Port	
Port number	1 / 2 / 4
Connector	DVI-D + USB-B ( Video + KB / MS )
Resolution ( max )	1920 x 1080 / 1920 x 1200 / 1600 x 1200

Local Console	
Video	1 x DB-15
Keyboard / Mouse	2 x USB-A
USB Hub 2.0	2 x USB-A
Resolution ( max )	1920 x 1080 / 1920 x 1200 / 1600 x 1200

Physical	IP-D101	IP-D102	IP-D104
Product (W x D x H)	160 x 87 x 30 (mm) 6.30 x 3.43 x 1.18 (inch)	220 x 87 x 30 (mm) 8.66 x 3.43 x 1.18 (inch)	220 x 87 x 44 (mm) 8.66 x 3.43 x 1.73 (inch)
Packing (W x D x H)		358 x 257 x 55 mm 14.09 x 10.12 x 2.17 inch	
Weight	Net 0.480 kg / 1.058 lb	Net 0.623 kg / 1.373 lb	Net 0.767 kg / 1.690 lb
	Gross 0.780 kg / 1.719 lb	Gross 0.923 kg / 2.034 lb	Gross 1.267 kg / 2.793 lb
Chassis color		Dark	
Chassis materials		Steel	

Compatibility	
Hardware compatibility	Mac / HP / IBM / Dell PC, Server and Blade Server
OS support	Mac / Windows / Linux

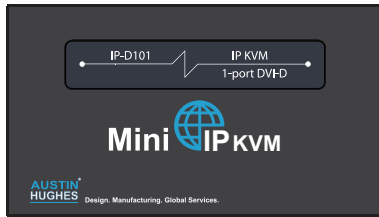
Compliance	
EMC	FCC & CE
Safety	CB, CE / LVD & UKCA
Environment	RoHS3 & REACH

Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	20 to 90%, non-condensing
Storage humidity	5 to 90%, non-condensing
Operating altitude	16,000 ft
Non-operating altitude	40,000 ft
Shock	10G acceleration ( 11ms duration )
Vibration	5~500Hz 1G RMS random vibration

Power	
Input	USB-C
Consumption	Max. 11W

## Design Overview

Top



1-port DVI-D Input

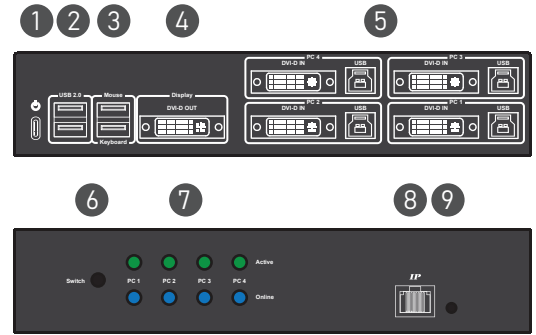
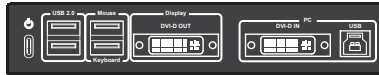


2-port DVI-D Input



4-port DVI-D Input

Front

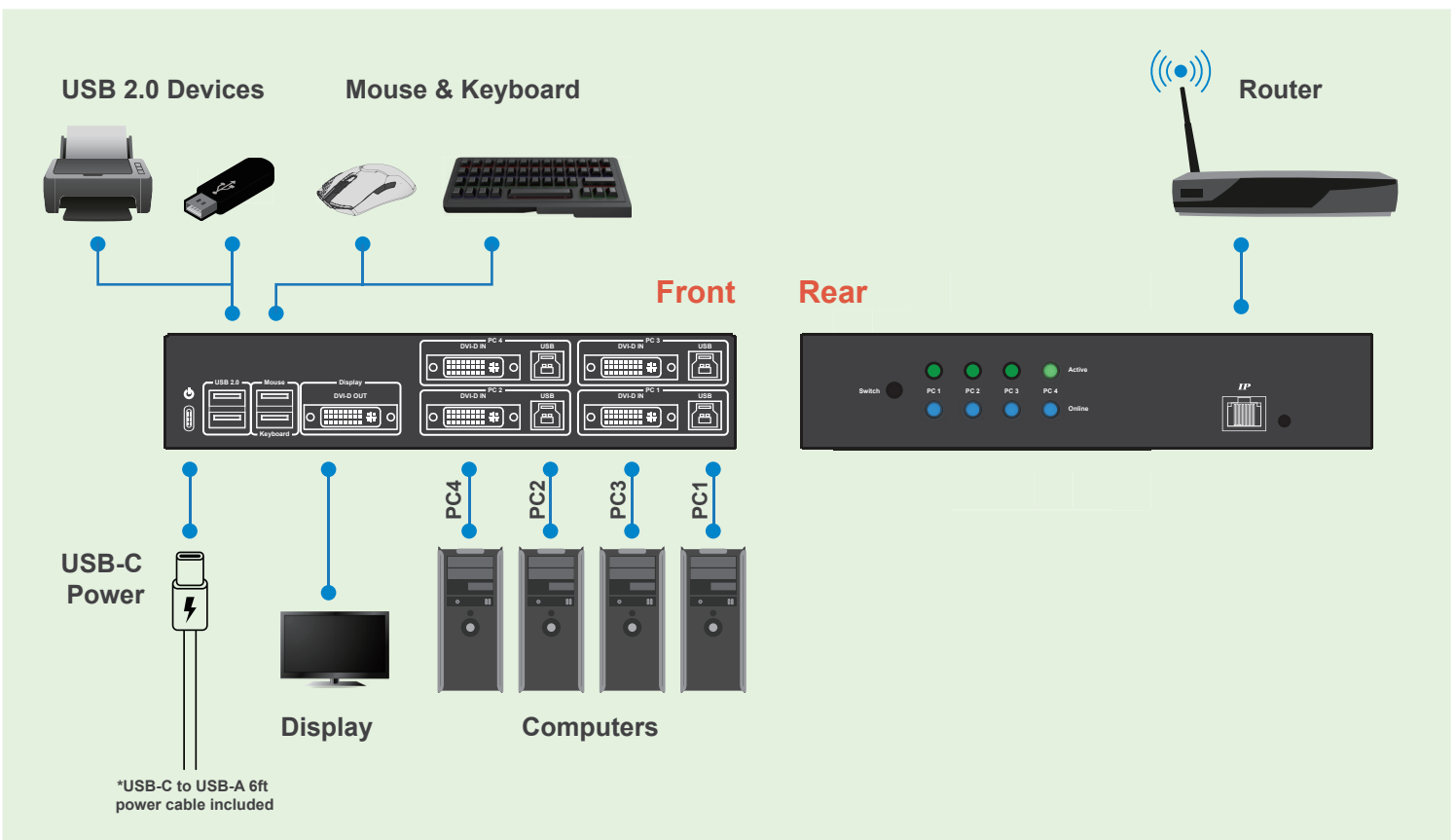


Rear



- ① Power input
- ② USB-A for USB 2.0 Devices
- ③ USB-A for Keyboard & Mouse
- ④ HDMI Output to Monitor
- ⑤ DVI-D to Computers
- ⑥ PC Selection Switch ( 4-port model only )
- ⑦ LED Indicators ( 4-port model only )
- ⑧ 1000 BaseT Gigabit Ethernet
- ⑨ Reset

## Connection Diagram



## Mini IP Solution Package

Please contact our professional distribution partners



**AUSTIN HUGHES**<sup>®</sup>

### MiniBoot

Remote power reboot and monitoring functions are essential for hardware systems. MiniBoot offers a cost efficient power solution for any environment with electronic devices or systems. Users can try to recover the crashed device by remote reboot, reducing the need to send engineers to site (less personnel and travel costs by negating the need for staff to be at the equipment location) therefore improving uptime and productivity.

#### Remote Reboot to Recover Your Device

- When a complete restart is required MiniBoot provides a simple and easy way to reboot a hardware device.
- In addition to manual on/off, MiniBoot provides 3 kinds of auto outlet control,
  - IP-Ping automatically detects a failed system for timely reboot
  - Outlet on/off by sensor condition
  - Outlet on/off scheduling

#### Power Monitoring via Network & Local Meter

- Allows remote monitoring via the free Graphic User Interface (GUI).
- Provides local current monitoring via MiniBoot blue LED ammeter.
- Allows user to establish the remaining capacity prior to adding a new device to the MiniBoot, plus displays the current being drawn and receives threshold alerts remotely.

#### Diversified Outlets & Inlets

- Variety of outlets & inlets available for different regional power requirements
- Outlet : US NEMA, IEC C13, UK BS1363, German Schuko CEE 7/3 or French CEE 7/5
- Inlet : C20 for different regional power cords (Custom inlet available on request).