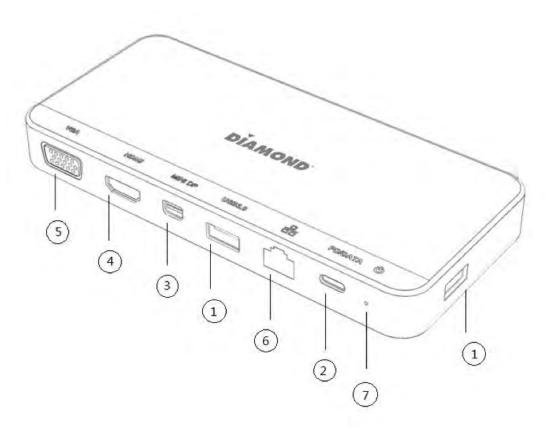
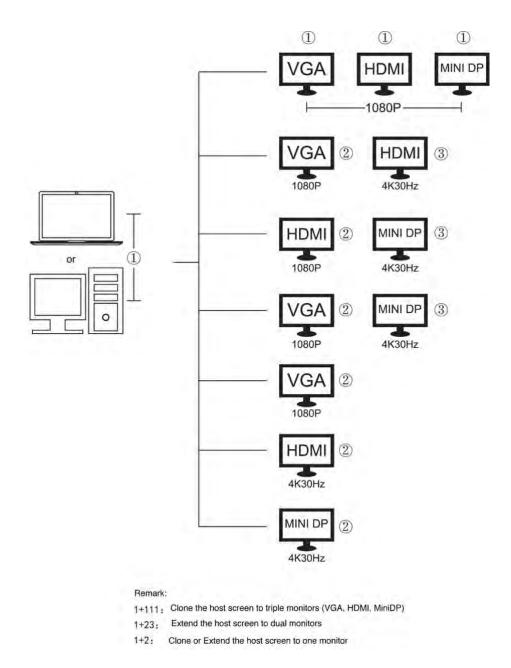
DIAMOND

UD300C User Manual



1. Features:

- ① USB3.1 Gen1 Type-A port (5Gbps).
- ② USB 3.1 Gen1 Type-C port, data transfer speed up to 5Gbps and support USB Power Delivery, allow you to charge your computer while using the hub simultaneously. Compatible with USB Power Delivery Revision 2.0 Version 1.1, maximum power output up to 20V3A.
- ③ Mini DP 1.2 port, supports 4K 30Hz resolution.
- ④ HDMI1.4 port, supports 4K 30Hz resolution.
- ⑤ VGA port, supports 1920*1080P resolution.
- ⑥ Support Multi-Stream Transport (MST) function, provide DisplayPort / HDMI/ VGA Port connect 3 monitors for extend display mode or mirror display mode.
- Gigabit Ethernet provides a fast and stable internet connection.
 Support IPv4 / IPv6 network, Wake-On-LAN, Full Duplex and power management.
- With LED light to indicate working status.
 Windows7/8/8.1/10 (32/64bit/ Linux kernel 3.x / Mac OS X 10.5 to 10.15 or later.



Mac OS (SST Only)

Mirror mode: 1(host laptop)-1-1-1 Extended mode: 1(host laptop)-2-2-2

Windows OS (MST and SST)

MST mode: Two displays: 1(host laptop)-2-3 Triple displays: 0(host laptop)-1-2-3

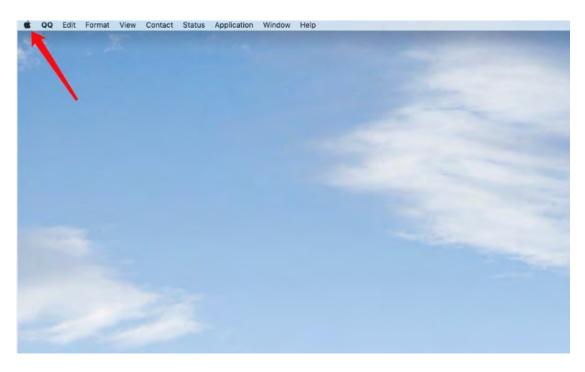
2. Multi-Stream Transport (MST) function Setting

Connect the USB C cable the USB-Cable to your laptop and then connect downstream for HDMI, VGA, Mini DP to the screen and following the step as below:

Note: For the dock to support power delivery to your laptop, your power adapter must support a min. of 60W Power Adapter that is not included

(1) MAC OS

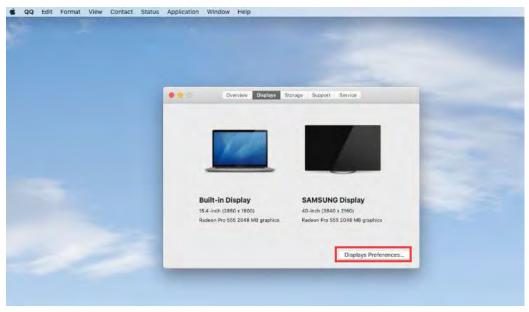
1 Click on "About This Mac"



② Click on Display

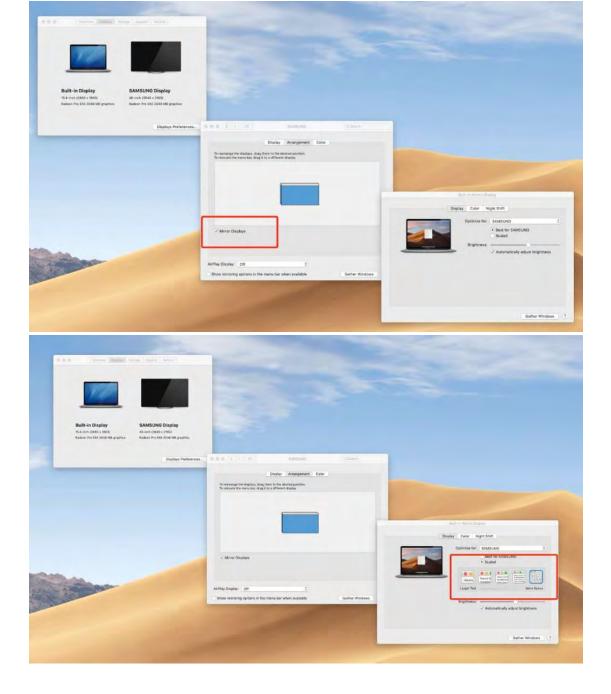


③ Click on "Displays Preference"



④ If you choose "Mirror Displays" you can get 4 Mirrored displays, if you don't choose "Mirror Display, you can get a maximum of one extended display using HDMI, Mini DP or VGA

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- (2) Windows System MST Setting:
 - ① Double click the desktop, chose "Intel Graphics Setting"

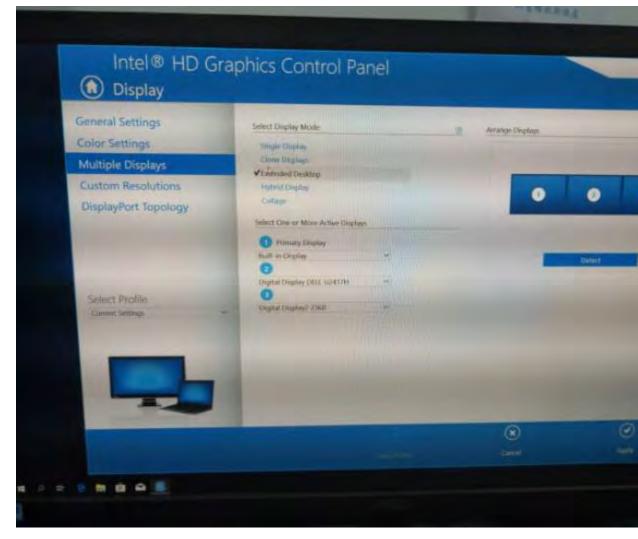
Paste Paste shortcut Intel® Graphics New		
	Settings	
 Display settings Personalize 		

② Select "Display"

Intel® HD Grap	hics Cont	rol Panel	
Customize your graphics settings to enhance your visual experience.	Cisplay Display Video	3D Power	Profiles Biographics Options and
	Popular ç	ame optimizations a gameplay.intel.com	Support

③ Select "Multiple Displays" to set triple display support using HDMI, VGA and Mini DP.

Display General Settings	The Souther Double study and a strange are already associated in the application	
Color Settings Multiple Displays		
Custom Resolutions DisplayPort Topology		
Select Profile Carrient Sattings	Construction of the Advancement	
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	and the second second	



Supported Resolutions

Windows source	VGA	HDMI	Mini DP
(4K@30Hz)	(1080P@60Hz)	(4K@30Hz)	(4K@30Hz)
1	2	3	*
(4K@30Hz)	(1080P@60Hz)	(4K@30Hz)	
1	2	*	3
(4K@30Hz)	(1080P@60Hz)		(4K@30Hz)
1	*	2	3
(4K@30Hz)		(1080P@60Hz)	(4K@30Hz)
No image	1	2	3
	(1600*900 @ 60Hz)	(1080P@60Hz)	(1080P@60Hz)

3. Network settings:

(1) Mac OS Network Setting

	Networl	k	Q Search
Location:	Automatic	\$	
USB 10/LAN 26 Connected	Status:	Connected USB 10/100/1000 LAN 26 i	
LPSS Sapter (1) Not Configured LPSS Sapter (2) Not Configured	Configure IPv4:	and has the IP address 192 Using DHCP	\$
Bluetooth PAN Not Connected		192.168.0.109 255.255.255.0	
USB-Setroller D Not Configured USB 10/00 LAN		192.168.0.1 192.168.0.1	
USB 10/00 LAN Not Connected	Search Domains:	192.100.0.1	
• USB 10/LAN 3			
● USB 10/LAN 4 Not Connected + - ☆~			Advanced ?
		Assist Me	Revert Apply

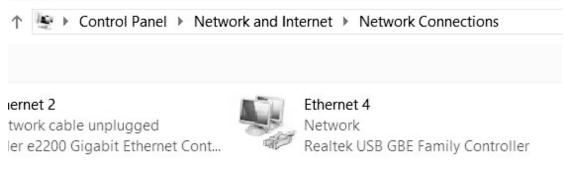
Click [Advanced – TCP/IP – Using DHCP with manual address] to assign IP address manually.

	Network	Q Search
() USB 10/100/1000 L	.AN 26	
TCP	IP DNS WINS 802.1X Proxies Hardware	
Configure IPv4: IPv4 Address:	Using DHCP with manual address \$	
Subnet Mask:	255.255.255.0	
Router:	192.168.0.1	
Configure IPv6:	Automatically \$	
Router:		
IPv6 Address:		
Prefix Length:		
?	Car	ncel OK

(Windows System Network Setting [Computer Management - Device Manager]

. 50	Monitors
4.10	Network adapters
	Intel(R) 82579V Gigabit Network Connection
	Microsoft
	Qualcomm Atheros AR9485
	Realtek USB GBE Family Controller
0 10	Portable Devices
) 🖶	Print queues

Click [Control Panel – Network and Internet – Network Connection] to view the new internet connection. If the network obtains the IP address automatically, you will be able to connect to network, as shown in below.



To set the IP address manually, double click the network logo and follow the below steps. Like below:

	Network2 S	tatus
General		
Connection -		
IPv4 Connec	tivity:	Internet
IPv6 Connec	tivity:	No Internet access
Media State:		Enabled
Duration:		00:09:47
Speed:		1.0 Gbps
Details		
D <u>e</u> tails	Sent A	Received
D <u>e</u> tails Activity ——		Received

working Sharing onnect using: Image: Controller Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Connection uses the following items: Image: Connection uses the following items: Image: Connection uses the following items: Connectitems: Conneconnectitems: Connection uses the following items: Conn	ft Networks xor Protocol pper I/O Driv sponder ^P v6) ^P v4)	figure //er //er //er
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Internet Protocol Version 6 (TCP/IP Internet Protocol Version 4 (TCP/IP Internet Protocol Version 4 (TCP/IP Internet Protocol Version 4 (TCP/IP Description	Pv6) Pv4) ₽ <u>r</u> op	
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Install Uninstall		
Description		erties
	otocol. The d	
	otocol. The d	
rnet Protocol Version 4 (TCP/IF	v4) Prop	erties ?
eral		
u can get IP settings assigned automatica is capability. Otherwise, you need to ask r the appropriate IP settings. ODbtain an IP address automatically		
• Use the following IP address:		2
IP address:		<u>.</u>
Subnet mask:	e 30	<i>3</i>
Default gateway:	5 8.	
Obtain DNS server address automatica	ally	
Use the following DNS server addresse	es:	
		•
Preferred DNS server:		
	• • •	
Preferred DNS server:	0.0	Ad <u>v</u> anced.

FAQ

Q: I can't get 4096 x 2160 30Hz Resolution?

a. Please click [Display Settings] > [Advanced Display Settings], then choose the resolution manually.

b. Please make sure your device, display and cable are able to support 4096 x 2160 30Hz high definition.

Q: Why does the charging time vary when using the PD function on the Dock?

- a. The upstream device (laptop) will auto-adjust the power input based on the battery level.
- b. Peripheral devices will affect the charging rate. It is recommended to unplug some of the devices when the battery level is low.
- c. Charging time will vary based on the wattage of your Power Adapter

Q: Why is the data transfer rate slow when connect USB3.0 device?

- a. Please confirm the device is USB3.0
- b. Depending on how many devices you have connected to the Dock, It can affect the data rate

Q: Can't connect to network using the Ethernet cable

a. Check your router setting and PC to make sure the IP address automatically (DHCP), if not, please set the IP address manually

Q: Can't display on three different extended desktops?

a. 3 displays for extended desktops are only supported one Windows MST systems.

Support:

Phone: 800 503 2378 Email: <u>support@diamondmm.com</u> Web: <u>www.diamondmm.com</u>