

OOD

Way

DEVICES  
Products Catalog

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TAIWAN  
EXCELLENCE  
2011

Taiwan Excellence

▼AE6210

Gigabit Ethernet to DVI  
Adapter



▼WK6102

PC to TV (HDMI)  
Wireless Power Saving Solution



▼DU2600

Client Dock



TAIWAN  
EXCELLENCE  
2012

Taiwan Excellence

▼DU3200

USB 3.0 Dual Head  
Docking Station



▼WK8000

Smart WIFI Media Player



COMPUTEX d & i awards

▼DU3400

USB 3.0 Power Management  
Docking Station



# About Good Way Group

Founded in 1983, Good Way owns the expertise in USB and Wireless peripherals and well known for innovative capability as well as being a worldwide leading manufacturer. The complete structure and integration of R&D and sales service supports provide you the excellent solution in product development and technical service. Wherever you are, Good Way is always a reliable business partner as the best backup.



## Flexible, Timely, and Innovative OEM/ODM

### Major Business (OEM/ODM)

#### Business Support

- We offer the "FSCM" service
  - F means fast, we offer the real-time service and supports
  - S means small, we have more flexibility on quantity issue
  - CM means contract-manufacturing, we are skilled in prototype to volume manufacture
- Time-to-Market
  - Always being sensitive to the latest technology and launching at the right time to the market

#### Private Labeling / White Box

- One-Stop-Sourcing
  - Comprehensive product range, including PC peripherals, mobile device peripheral, CE merchandise, Home Automation, and industrial connectivity products

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**HDMI**<sup>®</sup>  
 HIGH-DEFINITION MULTIMEDIA INTERFACE

\* Some products incorporate HDMI<sup>®</sup> technology.  
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 \* All specifications and photos here are subjected to change without prior notice.

# Wireless Docking Station

Dual Display / Dual mode-Wireless or USB wired

This innovative Docking Station enables not only extending display wirelessly to up to two monitors but also USB connectivity over WiFi technology. It is also a USB dock when it is wired connection through single USB cable with PC.



## WK8100

### Wireless Docking Station

- USB 3.0 downstream port x 2
  - One USB 3.0 port supports BC1.2
- USB 2.0 downstream port x 2
- USB 3.0 upstream port x1
- Support Wire & Wireless dual mode
  - Auto switch feature
  - Wireless antenna 2T2R
- Support audio 2.1 Channel
- Support Gigabit Ethernet
- Video output
  - HDMI : Resolution up to 2048 x 1152
  - DVI-I : Resolution up to 2048 x 1152
- Compliant with 802.11ac standard

## DU3C01

### Wireless Charging Docking Station

- USB 3.0 downstream port x 3, compatible with USB 3.0 / 2.0 specification
  - Support BC1.2 charging x1
- Video output
  - DP or HDMI port
    - DP : Resolution up to 2560 x 1600
    - HDMI : Resolution up to 2048 x 1152
  - DVI : Resolution up to 2048 x 1152
- Support audio 2.1 channel
- Support Gigabit Ethernet
- Unique design for wireless charging
  - Charging current: 5V/1A
  - Compliant with Qi standard



## WM4200

### Bluetooth Presenter

- Small and fashionable appearance
- Unique sliding and touch user experience
- Support 5 function keys
  - Red laser
  - Page Up
  - Start/Stop
  - Page down
  - Black/Resume
- Support Bluetooth 3.0



# Thunderbolt Docking Station

Daisy Chain Thunderbolt ports / HDMI / Displayport / Smart charging for mobile devices and Mac Superdrive devices / Customize interface



DEVICE PRODUCTS

The Thunderbolt 2 docking station is designed for extra connectivity demands on both Mac and Windows OS with bandwidth up to 20Gbps . You can extend the connection of a Mac or Windows computer to more customized peripherals like Displayport , HDMI , Ethernet network , digital or analog audio output , Firewire , E-SATA and others via single Thunderbolt interface .



## DB2020 / DB2120

### Full Function Thunderbolt 2 Dock

- USB 3.0 downstream port x 3, compatible with USB 2.0/1.1 specification
- Video output (DP or HDMI)
  - DP : Resolution up to 4K/2K through Thunderbolt Port
  - HDMI : Resolution up to 4K/2K
- Support audio 2.1 channel output / Mic in
- Support Gigabit Ethernet
- Support BC1.2 charging (1 port in front side)
- Support Windows (DB2020 , DB2120)
- Support Mac OS (DB2120)

## DB2320

### Dual Display Thunderbolt 2 Dock

- USB 3.0 downstream port x3, compatible with USB 2.0/1.1 specification
- Video output
  - DP : Resolution up to 4K/2K through Thunderbolt Port
- Support audio 2.1 channel output / Mic in
- Support Gigabit Ethernet
- Support BC1.2 charging (1 port in front side)



## Du3A00

### Detachable Docking Station

- Complete docking set
  - Video output
    - HDMI : Resolution up to 2048 x 1152
    - VGA : Resolution up to 2048 x 1152
  - USB 3.0 upstream port (B-Type Female)
  - USB 3.0 downstream port x 4
- One USB port supports BC1.2
- Any USB Port supports Android Shadow function
  - Gigabit Ethernet
- Detachable adapter
  - USB 3.0 upstream port (A-Type Female)
  - Alternative video output (HDMI or VGA)
  - Audio In / Out
  - Support Gigabit Ethernet
  - USB 3.0 downstream port x 1



Android shadow

# USB-C Docking Station

USB-C dock with Power delivery / Video display / USB data transfer

The USB-C docking station can extend the connection of a computer to more USB peripherals, Ethernet, and display, through a single USB-C cable connection.

With the USB-C technology, the dock supports PD standard profiles to provide the power delivery to PC system via USB-C UFP. It supports USB-C Alternate mode to mirror your primary screen, or extend the Windows desktop allowing visibility of more applications at the same time.



## DUD10A0 USB-C Docking Station

- USB 3.0 Downstream Port x4
  - Type-A female connector
  - Downward compatible with USB 2.0/1.1 specification
  - Support BC1.2 charging (Front x1)
- USB 3.0 Upstream Port x1
  - Type-C female connector
- Video Output
  - DP : Resolution up to 3840 x 2160
  - HDMI : Resolution up to 2048 x 1152
- Support audio 2.1 channel
- Support Gigabit Ethernet

## DUD10B0

### USB-C Triple-Display Docking Station

- UFP**
- USB 3.1 Gen1 5Gbps (Upstream,Type-C female connector)
  - UFP PD powered,support up to 36W power profile(12V/3A,5V/3A,5V/0.9A)
  - VESA Alt mode with DP1.2
- DFP**
- ※USB Type-A x 4
    - Two ports with bus-powered up to 5V/0.9A
    - Two ports support BC1.2
  - ※USB Type-C x 2
    - one port supports 36W output, power profile(12V/3A,5V/3A,5V/0.9A)
    - one port supports 15W output, (5V/3A)
  - DP : Max. DP resolution up to 3840 x 2160
  - HDMI : Max. HDMI resolution up to 1920 x 1080p through Type-C Alt mode input
  - VGA, Max. VGA resolution up to 2048 x 1152
  - Gigabit Ethernet
  - Audio In,Audio Out



# Windows Tablet Docking Station

Extend display / Remote control / USB / Ethernet / Charging for Tablet PC



DEVICE PRODUCTS

With this universal Dock, your Windows Tablet becomes a multimedia station. You can extend the screen to a larger display, and the remote controller allows you to play/pause/stop the video wirelessly. Meanwhile, it will also charge your Tablet.

## DU21050

### Windows Tablet Docking Station

- USB 2.0 upstream port
  - Micro-B female connector
- USB 2.0 downstream port x 6
  - Type-A female connector
  - One port supports BC1.2 , CDP/DCP/SDP mode
- HDMI : Support resolution up to 2048 x 1152
- VGA : Support resolution up to 2048 x 1152
- Gigabit Ethernet(RJ45)
- Audio Combo (2.1 channel)
- Remote control function
  - Fast forward
  - Rewind
  - Volume Up
  - Volume Down
  - Pause/Resume
- Support upstream charging up to 1.5A



### Optional ID





The USB 3.0 dual display docking station is designed for extra connectivity demands. You can extend the connection of a computer to more USB peripherals, Ethernet network, the speaker and the microphone. With the DP and HDMI ports, it enables mirroring or extending your primary screen, allowing visibility of more applications at the same time.



## DU3900

### USB 3.0 4K Mini Docking Station

- Ultra slim size design with Aluminum housing
- USB 3.0 downstream port x 4
  - Support BC 1.2 charging x 2 (Self-power mode only)
- Video output
  - 4K HDMI : Resolutions up to 3840 x 2160
  - DVI : Resolutions up to 2048 x 1152
- Support Bus-power & Self-power mode
- Support audio 2.1 channel (Audio combo jack)
- Support Gigabit Ethernet



## DU3222/ DU3223

### USB 3.0 Dual Head Docking Station

- Video output
  - HDMI : Resolution up to 2048 x 1152
  - DVI-I : Resolution up to 2048 x 1152
- USB 3.0 downstream port x 2
- 1 port supports BC (Battery Charging) 1.2
- USB 2.0 downstream port x 4
- Gigabit Ethernet
- 2.1 channel Audio out and Microphone in

## DU3B00

### USB 3.0 4K Ultra HD Docking Station

- Video output
  - DisplayPort, resolution update to 3840 x 2160@30Hz
  - HDMI : Resolution up to 3840 x 2160@30Hz
  - DVI-I : Resolution up to 2048 x 1152
- Dual display mode
  - DP + DVI or HDMI + DVI
  - Auto switching between DisplayPort / HDMI
- USB 3.0 downstream port x 3
  - 1 port supports BC (Battery Charging) 1.2
- Gigabit Ethernet
- 2.1 channel Audio out and Microphone in



## DU3032 / DU3033

### USB 3.0 Docking Station

- Video output
  - DVI-I : Resolution up to 2048 x 1152
- USB 3.0 downstream port x 2
  - 1 port supports BC (Battery Charging) 1.2
- USB 2.0 downstream port x 4
- 2.1 channel Audio out and Microphone in



## DU3700

### USB 3.0 3 to 2 Docking Station

- Video output
  - DisplayPort, resolution up to 2560 x 1600
  - HDMI : Resolution up to 2048 x 1152
  - DVI-I : Resolution up to 2048 x 1152
- Dual display mode
  - DP + DVI or HDMI + DVI
  - Auto switching between DisplayPort/HDMI
- USB 3.0 downstream port x 3
  - 1 port supports BC (Battery Charging) 1.2
- Gigabit Ethernet
- 2.1 channel Audio out and Microphone in



## DU3800

### USB 3.0 Docking Station with MicroSD Slot

- Video output
  - DVI-I : Resolution up to 2048 x 1152
- USB 3.0 downstream port x 2
  - 1 port supports BC (Battery Charging) 1.2
- USB 2.0 downstream port x 4
- Gigabit Ethernet
- 2.1 channel Audio out and Microphone in
- Micro SD card slot



# USB Video Adapter

4K Ultra HD Ready / Support full display formats / Ethernet Integration / Low power consumption



DEVICE PRODUCTS

USB Video adapter is designed by USB graphics technology that is a unique approach allowing smooth and very low latency video playback while providing the "plug and display" simplicity of USB. You can mirror your primary screen, or extend the Window desktop just like using standard graphics card solution.



## AND2030

### USB-C to HDMI Adapter

- DisplayPort input
  - Type-C male connector cable
  - Compliant with DisplayPort 1.2a standard
- Video output
  - HDMI : Resolution up to 4096 x 2160@60Hz
- Compliant with HDMI standard
- USB bus-powered

## AND1030

### USB-C to HDMI Adapter

- DisplayPort input
  - Type-C male connector cable
  - Compliant with DisplayPort 1.2a standard
- Video output
  - HDMI : Resolution up to 3840 x 2160@30Hz
- Compliant with HDMI standard
- USB bus-powered



## AND1010

### USB-C to VGA Adapter

- DisplayPort input
  - Type-C male connector cable
  - Compliant with DisplayPort 1.2a standard
- Video output
  - VGA : Resolution up to 1920 x 1200
- USB bus-powered



## AN38Bo

### USB 3.0 to 4K DisplayPort Adapter

- USB 3.0 Upstream Port (Type-A)
- Video output
  - DisplayPort : Resolution up to 3840 x 2160@30Hz
- Ultra Slim design
- USB bus-powered
- Supports up to 2 USB display adapters to work Simultaneously



## AN38Co

### USB 3.0 to 4K HDMI Adapter

- USB 3.0 Upstream Port (Type-A)
- Video output
  - HDMI : Resolution up to 3840 x 2160@30Hz
- Ultra Slim design
- USB bus-powered
- Supports up to 2 USB display adapters to work Simultaneously

## AN3890/AN38A0

### USB 3.0 to 4K Display Adapter

- USB 3.0 Upstream Port (Micro B)
- Video output
  - DisplayPort : Resolution up to 3840 x 2160@30Hz(AN3890)
  - HDMI : Resolution up to 3840 x 2160@30Hz(AN38A0)
- Ultra Slim design
- USB bus-powered
- Supports up to 2 USB display adapters to work simultaneously



AN3890



AN38A0



# USB Video Adapter

4K Ultra HD Ready / Support full display formats / Ethernet Integration / Low power consumption



DEVICE PRODUCTS

This USB 3.0 Multi-Function Adapter is a product in between a docking station and an adapter. It has many flexible applications and is cost effective. With HDMI or VGA video output, the adapter enriches the user's experience. The bus-powered design is convenient for travelers, and does not require the users to purchase another power adapter. By including an RJ45 Ethernet port, gigabit network can be accessed through the USB port. Overall, it is a powerful and user-friendly product.

## AN3920

### USB 3.0 Multi-Function Adapter

- USB 3.0 Upstream Cable built in (Type A)
- Video output (works alternatively)
  - HDMI : Resolution up to 2048 x 1152
  - VGA : Resolution up to 2048 x 1152
- USB 3.0 downstream port x 1
- Gigabit Ethernet
- USB bus-powered



## AN3910 / AN3900

### USB 3.0 to HDMI (VGA) + LAN Combo

- USB 3.0 Upstream Cable built in (Type A)
- Video output
  - HDMI : Resolution up to 2048 x 1152 (AN3910)
  - VGA : Resolution up to 2048 x 1152 (AN3900)
- Gigabit Ethernet
- USB bus-powered



AN3910



AN3900



AN3440



AN3450



AN3860

## AN3440/AN3450/AN3860

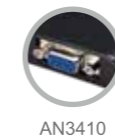
### USB 3.0 Slim Display Adapter

- USB 3.0 Upstream Port (Micro B)
- Video output
  - HDMI : Resolution up to 2048 x 1152 (AN3860)
  - DVI-I : Resolution up to 2048 x 1152 (AN3450)
  - VGA : Resolution up to 2048 x 1152 (AN3440)
- Slim design
- USB bus-powered
- Supports up to 6 USB display adapters to work simultaneously

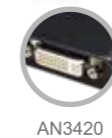
## AN3200

### USB 3.0 Dual Head Display Adapter

- USB 3.0 Upstream Port (Type B)
- Video output
  - HDMI : Resolution up to 2048 x 1152
  - DVI-I : Resolution up to 2048 x 1152



AN3410



AN3420



AN3810



AN3820

## AN3410/AN3420/AN3810/AN3820

### USB 3.0 Display Adapter

- USB 3.0 Upstream Port (Micro B)
- Video output
  - DisplayPort : Resolution up to 2560 x 1600 (AN3820)
  - HDMI : Resolution up to 2048 x 1152 (AN3810)
  - DVI-I : Resolution up to 2048 x 1152 (AN3420)
  - VGA : Resolution up to 2048 x 1152 (AN3410)





The DisplayPort Video Adapter is designed for connecting the embedded DisplayPort device (Laptop, desktop and etc.) to other popular video input format (HDMI, VGA, DVI) embedded device (TV, monitor and etc.) with high compatibility and video quality.

## VS62030

### Mini-DP 1.2 to HDMI Adapter

- Video Input
  - Mini DisplayPort
- Video output
  - HDMI : Resolution up to 4096 x 2160@60Hz
- Plug & Play, no extra drivers need
- Compliant with HDMI standard
- Compliant with DP1.2a standard



## VS52030

### DP 1.2 to HDMI Adapter

- Video Input
  - DisplayPort
- Video output
  - HDMI : Resolution up to 4096 x 2160@60Hz
- Plug & Play, no extra drivers need
- Compliant with HDMI standard
- Compliant with DP1.2a standard



## WDM1030

### Wireless Display Adapter

- Wireless presentation from your Windows notebook/ tablet to another big display or projector
- Compatible with Microsoft Win8.1/Win10 Miracast
- Supports Intel WiDi (per customer request)
- Display mode: mirror or extend, 1080p
- UIBC supported
- HDMI output (optional DP or VGA)
- Driver free
- OTA firmware upgradeable
- Support Miracast



## AY2260/AY1260

### Mini-DP/DP 1.2 to HDMI Adapter

- Video Input
  - Mini DisplayPort (AY2260)
  - DisplayPort (AY1260)
- Video output
  - HDMI : Resolution up to 3840 x 2160@30Hz
- Plug & Play, no extra drivers need

## AY2020/AY1020

### Mini-DP/DP 1.2 to VGA Adapter

- Video Input
  - Mini DisplayPort (AY2020)
  - DisplayPort (AY1020)
- Video output
  - VGA : Resolution up to 2048 x 1152
- Plug & Play, no extra drivers need



## AY2120/AY1120

### Mini-DP/DP 1.2 to DVI Adapter

- Video Input
  - Mini DisplayPort (AY2120)
  - DisplayPort (AY1120)
- Video output
  - DVI-I : Resolution up to 2048 x 1152
- Plug & Play, no extra drivers need



# Digital Video Adapter

Completed video out solution for / Ultrabook/Tablet/Smartphone / 4K Ultra HD Ready / Low power consumption / Plug & Play



DEVICE PRODUCTS

The Digital Video Adapter is designed for connecting the video output (HDMI, MHL, SlimPort), of mobile device (Laptop, Tablet, Smartphone) to other popular video input format embedded device (TV, monitor and etc.) with high compatibility and video quality.

## AV3000

### VGA to HDMI Dongle

- Mini-sized and stylish design
- VGA to HDMI function
- Support audio jack input
- Compliant with HDMI specification
- High resolution up to 1920 x 1080p@60Hz



## VS6000

### SlimPort to VGA Adapter

- Video Input
  - SlimPort (USB Micro B connector)
- Video output
  - VGA : Resolution up to 1920 x 1080p@60Hz
- Bus-powered
- Provide Charging function to smart phone and tablet



## VS6100/VS6110

### SlimPort to HDMI/4K HDMI Adapter

- Video Input
  - SlimPort (USB Micro B connector)
- Video output
  - HDMI : Resolution up to 1920 x 1080@60Hz (VS6100)
  - 4K HDMI : Resolution up to 3840 x 2160@30Hz (VS6110)
- Bus-powered
- Provide Charging function to smart phone and tablet



## VS5010

### HDMI to VGA Dongle with Audio

- Video Input
  - HDMI
- Video output
  - VGA : Resolution up to 1920 x 1200
- Audio out
  - 3.5mm phone jack, 2.1 channel



## VS5000

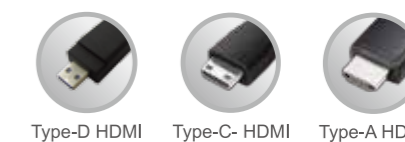
### HDMI to VGA Dongle

- Video Input
  - HDMI
- Video output
  - VGA : Resolution up to 1920 x 1200

## VS4533

### HDMI to VGA AV Adapter

- On-chip HDMI receiver with Equalizer
- On-chip HDMI receiver core which is compliant with HDMI 1.2a specification
- Supports analogue video output up to 1080p
- Low stand-by current at power down mode
- On-chip Audio Decoder which support 2-channel and S/PDIF audio outputs
- Support audio soft mute Button
- Support Audio Jack
- Provide USB to DC power cable
- No need driver installation



# USB Ethernet Adapter

Ethernet enabled for Tablet / Ultrabook / Rich Ethernet control functions / Low power consumption



DEVICE PRODUCTS

The USB 3.0 Ethernet Adapter allows user's mobile computing device instantly connect to Network through an existing USB port. With compliance with USB 3.0 specification, this adapter ensures true 10/100/1000Mbps network speed without any compromise.

## AE4000

### USB-C to Gigabit Ethernet Adapter

- USB 3.0 input (Type-C male connector)
- Gigabit Ethernet
- Bus-powered
- Support USB power saving models
- Support Wake-on-LAN function
- Support IEEE 802.3az (Energy Efficient Ethernet)
- Support IPv4/IPv6 pack Checksum Offload Engine (COE) to reduce CPU loading



## AE3102

### Gigabit USB 3.0 Ethernet Adapter

- USB 3.0 Upstream Cable built in (Type A)
- Gigabit Ethernet
- USB bus-powered
- Support USB Power Saving mode
- Support IEEE 8.2.3az (Energy Efficient Ethernet)
- Support IPv4/IPv6 pack Checksum Offload Engine (COE) to reduce CPU loading



## AE3100

### Gigabit USB 3.0 Ethernet Adapter

- USB 3.0 Upstream Cable built in (Type A)
- Gigabit Ethernet
- USB bus-powered
- Support USB Power Saving mode
- Support Wake-on-LAN function



## AE2233

### USB 2.0 to Ethernet Adapter

- USB 2.0 Upstream Cable built in (Type A)
- 10/100Mbps Ethernet
- USB bus-powered
- Support USB Power Saving mode
- Support Wake-on-LAN function
- Equip Diagnostic LEDs

## AE2302

### Gigabit USB 2.0 Ethernet Adapter

- USB 2.0 Upstream Cable built in (Type A)
- Gigabit Ethernet
- USB bus-powered
- Support USB Power Saving mode
- Support Auto MDIX



## AE2220/30/40/50

### USB 2.0 Ethernet Adapter

- USB 2.0 Upstream Cable built in
  - A-Type (AE2220/AE2230)
  - Mini USB (AE2240)
  - Micro USB (AE2250)
- 10/100 M
- USB bus-powered
- Support USB Power Saving mode
- Support Wake-on-LAN function



AE2220 A-Type USB   AE2230 A-Type USB   AE2240 Mini USB   AE2250 Micro USB



The USB Hub allows you to connect up to several USB peripherals--such as digital cameras, printers, external hard drives, mice, keyboards, flash drives, and smart devices to your laptop or desktop. Besides, BC1.2 (Battery Charging Specification) function is built on dedicated USB port for fast charging to Tablet and Smartphone.



HU4140 HU4240

## HU4140/HU4240 USB-C 3.0 4-Port Hub

- USB 3.0 input port (Type-C male connector)
- USB 3.0 output port x 4
  - Hub downstream link, Type-A female connector(HU4140)
  - Support BC1.2(HU4140)
  - Hub downstream link, Type-C female connector x 1, power supply up to 15W(HU4240)
  - Hub downstream link, Type-A female connector x 3(HU4240)
- Power adapter (Auto switching)
  - Input: AC 100-240V/Output: DC 5V/4A
- Support auto switching between self-powered and bus-powered mode

## HE4130 USB-C 3-Port Hub with Gigabit Ethernet

- USB 3.0 input port (Type-C male connector)
- USB 3.0 output port x 3
  - Hub downstream link, Type-C female connector x 1, output power up to 15W
  - Hub downstream link, USB 3.0 Type-A female connector x 2
- Gigabit Ethernet
- Support wake-on-LAN function
- Support IEEE 802.3az(Energy Efficient Ethernet)
- Support IPV4/IPV6 pack Checksum Offload Engine(COE) to reduce CPU loading



## HE3130 USB 3.0 3-Port Hub with Gigabit Ethernet Adapter

- USB3.0 Giga LAN with 3 ports USB 3.0 HUB
- Small design make users easy hand carry
- Support Wake-on- LAN function
- Support Green Ethernet
- Support IEEE 802.3az(Energy Efficient Ethernet)
- Support IPV4/IPV6 pack Checksum Offload Engine(COE) to reduce CPU loading
- Support USB 3 ports hub which are compliant with BC1.2
- Each port provides max 1.5A capacity when use BC1.2 charging function



## HE3230 USB 3.0 3-Port Hub with Gigabit Ethernet Adapter

- USB 3.0 upstream cable built in (Type A)
- USB 3.0 downstream port x 3
- Gigabit Ethernet
- USB bus-powered

## HU3340 USB 3.0 Charging Hub

- USB 3.0 upstream port (Micro B)
- USB 3.0 downstream port x 4
  - 1 port supports Apple charging and BC 1.2 charging
- Charging port supports up to 2.1A
- DCP/CDP mode switchable design on charging port
- Automatic switching between self/bus-powered mode



Bite the flower (HU3640) Hairline (HU3641)

## HU3640/HU3641 USB 3.0 4-Port Hub

- USB 3.0 upstream port (Type B)
- USB 3.0 downstream port x 4
  - 4 ports support Apple charging and BC 1.2 charging
- Automatic switching between self / bus-powered mode
- Support Energy Star Standard



HDMI 2.0 supports full Ultra HD 4K video with higher frame rate up to 60fps, and delivers 4 times of 1080p/60 video resolution for the ultimate video experience. Unfortunately, the existing HDMI 1.4 hardware system is not simply firmware upgradeable to 2.0 because the HDMI 2.0 requires powerful processor with capability of higher bandwidth.

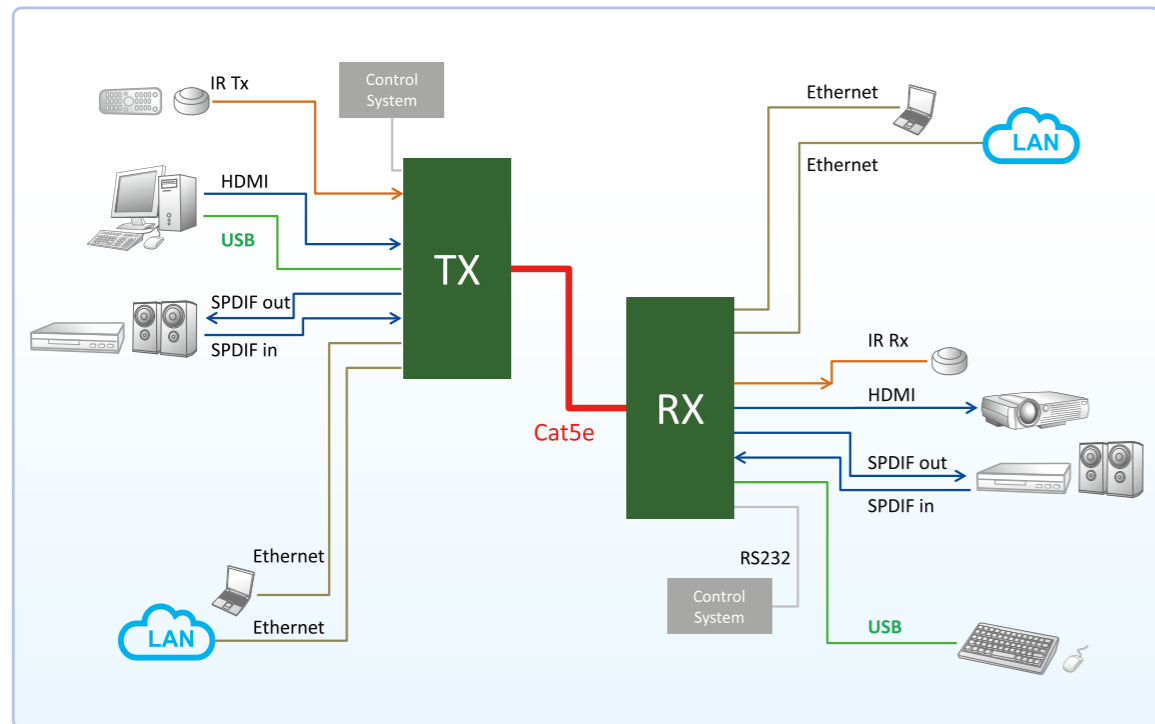
HDCP 2.2 is the next generation of copy protection for 4K content. However, HDCP 2.2 is not backwards compatible. There is no firmware upgrade that will get HDCP 2.2 on a non-2.2 product. Many new 4K devices don't even support it. It means, all HDCP 2.2 devices will have HDMI 2.0, but not all HDMI 2.0 will have HDCP 2.2.

Moving forward Goodway understands the need to support both full bandwidth HDMI 2.0 and HDCP 2.2 for compatibility with next generation 4K sources and upcoming video technologies. Goodway provides the qualified solutions for this new era, and early readiness for future proof.

## HDBaseT 2.0 Extender

### Model: TX/RX

- Latest HDMI version compliant
- HDCP 1.X/2.2 compliant
- Video resolutions up to 4K2K@60 Hz with YCbCr 4:2:0
- LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- Audio: SPDIF in/out
- Support Fast Ethernet 100Mbps
- LAN : two RJ45 ports
- Control: IR Tx/Rx and RS232
- USB 2.0: configurable either host or device
- PoE 802.3af/at 48V



7X1

## Switcher

### Model: 4x1/7x1

- Latest HDMI version compliant
- HDCP 1.X/2.2 compliant
- Video resolutions up to 4Kx2K/60 Hz
- LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- Source selection button to switch HDMI input source sequentially
- IR Remote control
- HDMI in : Type A 19pin Female
- HDMI out : Type A 19pin Female



4X1

## Splitter

### Model: 1x2/1x4/1x8

- Latest HDMI version compliant
- HDCP 1.X/2.2 compliant
- Video resolutions up to 4Kx2K/60 Hz
- LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- Auto EDID or use the EDID from physical Output #1
- HDMI in : Type A 19pin Female
- HDMI out : Type A 19pin Female



1X8



1X2



1X4



## Docking Station



Model		DU3900	DU3800	DU3700	DU3222	DU3032	DU3223	DU3033	DU3500	
Interface		USB 3.0								
Video	Output Numbers	2	3 for 2	3 for 2	2	1	2	1	1	
	1st	Port Type	HDMI	DP/HDMI	DP/HDMI	HDMI	DVI	HDMI	DVI	DVI
		Resolution	3840 x 2160	3840 x 2160	2560 x 1600 2048 x 1152	2048 x 1152	2048 x 1152	2048 x 1152	2048 x 1152	2048 x 1152
	2nd	Port Type	DVI	DVI	DVI	DVI	—	DVI	—	—
Resolution		2048 x 1152	2048 x 1152	2048 x 1152	2048 x 1152	—	2048 x 1152	—	—	
Audio	Headphone/Microphone	—	●	●	●	●	●	●	●	
	Combo Connector	●	—	—	—	—	—	—	—	
Ethernet	10/100/1000M	●	●	●	●	●	●	●	●	
	10/100M	—	—	—	—	—	—	—	—	
USB Port	USB 3.0	Port Numbers	4	3	3	2	2	2	3	
		BC 1.2 Support	2	1	1	1	1	1	1	
Placement	Horizontal	●	●	●	—	●	●	●	●	
	Vertical	—	—	—	●	●	—	—	●	



Model		DU3200	DU3800	DU3000	DU27A2	DU2792	DU2800	DU2810
Interface		USB 3.0			USB 2.0			
Video	Output Numbers	2	1	1	1	1	1	1
	1st	Port Type	HDMI	DVI	DVI	DVI	DVI	DVI
		Resolution	2048 x 1152	2048 x 1152	2048 x 1152	2048 x 1152	1920 x 1080	1920 x 1080
	2nd	Port Type	DVI	—	—	—	—	—
Resolution		2048 x 1152	—	—	—	—	—	
Audio	Headphone/Microphone	●	●	●	●	●	—	
	Combo Connector	—	—	—	—	—	—	
Ethernet	10/100/1000M	●	●	●	—	—	—	
	10/100M	—	—	—	●	●	●	
USB Port	USB 3.0	Port Numbers	2	2	2	—	—	
		BC 1.2 Support	—	1	—	—	—	
Placement	Horizontal	—	—	—	—	—	—	
	Vertical	●	●	●	●	●	●	

## USB Video Adapter



Model		AN38A0	AN38B0	AN38C0	AN3890	AN3920	AN3900	AN3910
Interface		USB 3.0						
Video Out (Resolution)	Numbers	1	1	1	1	2 for 1	1	1
	DisplayPort	—	3840 x 2160	—	3840 x 2160	—	—	—
	HDMI	3840 x 2160	—	3840 x 2160	—	2048 x 1152	—	2048 x 1152
	DVI	—	—	—	—	—	—	—
Ethernet	—	—	—	—	—	●	●	●
	—	—	—	—	—	—	—	—
USB HUB	Type	—	—	—	—	USB 3.0	—	—
	Port	—	—	—	—	1	—	—



Model		AN3440	AN3450	AN3860	AN3200	AN3410	AN3420	AN3810
Interface		USB 3.0						
Video Out (Resolution)	Numbers	1	1	1	2	1	1	1
	DisplayPort	—	—	—	—	—	—	—
	HDMI	—	—	2048 x 1152	2048 x 1152	—	—	2048 x 1152
	DVI	—	2048 x 1152	—	2048 x 1152	—	2048 x 1152	—
Ethernet	—	—	—	—	—	—	—	
	—	—	—	—	—	—	—	
USB HUB	Type	—	—	—	—	—	—	
	Port	—	—	—	—	—	—	



Model		AN3820	AN2450	AN2460	AN2480	AN2485	AN2820
Interface		USB 3.0		USB 2.0			
Video Out (Resolution)	Numbers	1	1	1	1	1	—
	DisplayPort	2560 x 1600	—	—	—	—	1
	HDMI	—	—	—	—	—	1920 x 1080
	DVI	—	2048 x 1152	1920 x 1080	—	—	—
Ethernet	—	—	—	—	—	—	
	—	—	—	—	—	—	
USB HUB	Type	—	—	—	—	—	
	Port	—	—	—	—	—	



## DisplayPort Adapter



Model	AY1240	AY2240	AY1260	AY2260	AY1120
Interface	DP (1.2)	Mini DP (1.2)	DP (1.2)	Mini DP (1.2)	DP (1.2)
Video Out (Resolution)	HDMI	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
	DVI	—	—	—	—
	VGA	—	—	—	—



Model	AY2120	AY1020	AY2020	AY2010	AY1000
Interface	Mini DP (1.2)	DP (1.2)	Mini DP (1.2)	Mini DP (1.2)	DP (1.1)
Video Out (Resolution)	HDMI	1	2 for 1	—	—
	DVI	2048 x 1152	—	—	—
	VGA	—	2048 x 1152	2048 x 1152	2048 x 1152



Model	AY2000	AY1100	AY2100	AY1250	AY2210
Interface	Mini DP (1.1)	DP (1.1)	Mini DP (1.1)	DP (1.1)	Mini DP (1.1)
Video Out (Resolution)	HDMI	—	—	—	1920 x 1200
	DVI	—	1920 x 1200	1920 x 1200	—
	VGA	1920 x 1200	—	—	—

## Digital Video Adapter



Model	AV3000	VS5010	VS5000	VS4530	VS4531	VS4532
Interface	VGA	HDMI				
Video Out (Resolution)	HDMI	1080p60	—	—	—	—
	DVI	—	—	—	—	—
	VGA	—	1920 x 1200	1920 x 1200	1920 x 1200	1920 x 1200
Audio Out	—	—	—	●	●	●
Power	Bus-powered	●	●	●	●	●
	External	●	—	—	—	—



Model	VS4520	VS4521	VS4522	VS6110	VS6000	VS6100
Interface	HDMI			SlimPort		
Video Out (Resolution)	HDMI	—	—	—	2160p30	—
	DVI	—	—	—	—	—
	VGA	1920 x 1200	1920 x 1200	1920 x 1200	—	1080p60
Audio Out	—	—	—	—	—	—
Power	Bus-powered	●	●	●	—	●
	External	—	—	—	●	●

## Ordering Information

Model	Product Description	
VS5010	HDMI to VGA Dongle with Audio	HDMI
VS5000	HDMI to VGA Adapter	HDMI
VS4530	HDMI to VGA Adapter with Audio	HDMI
VS4531	HDMI to VGA Adapter with Audio	HDMI
VS4532	HDMI to VGA Adapter with Audio	HDMI
VS4520	HDMI to VGA Adapter	HDMI

Model	Product Description	
VS4521	HDMI to VGA Adapter	HDMI
VS4522	HDMI to VGA Adapter	HDMI
AV3000	VGA to HDMI Dongle	VGA
VS6110	SlimPort to 4K HDMI Adapter	SlimPort
VS6000	SlimPort to VGA Adapter	SlimPort
VS6100	SlimPort to HDMI Adapter	SlimPort



## USB Ethernet Adapter



Model	AE3102	AE3100	AE3101	AE3302	AE2233	AE2302
Interface	USB 3.0				USB 2.0	
Ethernet	10/100M	—	—	—	—	●
	Gigabit	●	●	●	●	—
Power	Bus-powered	●	●	●	●	●
	External	—	—	—	—	—
Note	—	—	—	—	—	—



Model	AE2220	AE2230	AE2240	AE2250	AE2300	
Interface	USB 2.0					
Ethernet	10/100M	●	●	●	—	
	Gigabit	—	—	—	—	●
Power	Bus-powered	●	●	●	●	●
	External	—	—	—	—	●
Note	A Type, Wii support	A Type	Mini USB	Micro USB	A Type	

## Ordering Information

Model	Product Description
AE3102	Gigabit USB 3.0 Ethernet Adapter
AE3100	Gigabit USB 3.0 Ethernet Adapter
AE3101	Gigabit USB 3.0 Ethernet Adapter
AE2233	USB 2.0 to Ethernet Adapter
AE2302	Gigabit USB 2.0 Ethernet Adapter

Model	Product Description
AE2220	USB 2.0 to Ethernet Adapter
AE2230	USB 2.0 to Ethernet Adapter
AE2240	USB 2.0 to Ethernet Adapter
AE2250	USB 2.0 to Ethernet Adapter
AE2300	Gigabit USB 2.0 Ethernet Adapter

## USB HUB



Model	HE3230	HE3130	HE2440	HE2230	HU3340	HU3640
Interface	USB 3.0		USB 2.0		USB 3.0	
Ethernet	10/100M	—	—	●	N/A	N/A
	Gigabit	●	●	—	—	N/A
USB HUB Port	Numbers	3	3	4	3	4
	BC 1.2 Support	—	3	—	—	1
Power	Bus-powered	●	●	●	●	●
	External	—	●	●	●	●
Note	—	—	—	—	External DC: 5V/4A	External DC: 5V/2.5A



Model	HU3641	HU3770	HU37A0	HU3440	HU3140	HU3141
Interface	USB 3.0					
Ethernet	10/100M	N/A	N/A	N/A	N/A	N/A
	Gigabit	N/A	N/A	N/A	N/A	N/A
USB HUB Port	Numbers	4	7	10	4	4
	BC 1.2 Support	4	2	3	4	—
Power	Bus-powered	●	●	●	—	●
	External	●	●	●	●	●
Note	External DC: 5V/2.5A	External DC: 12V/4A	External DC: 19V/3.16A	External DC: 5V/4A	External DC: 5V/2.5A	External DC: 5V/2.5A










Model	HU2V40	HU2240	HU2024	HU2044	HU20A0
Interface	USB 2.0				
Ethernet	10/100M	N/a	N/a	N/a	N/a
	Gigabit	N/a	N/a	N/a	N/a
USB HUB Port	Numbers	4	4	2	4
	BC 1.2 Support	—	—	—	—
Power	Bus-powered	●	●	●	●
	External	●	—	—	—
Note	—	—	—	—	—







PC Peripherals

USB DataTransfer			
	AN3A00	USB 3.0 Link Adapter	<ul style="list-style-type: none"> <li>- USB 3.0 Cable (Type A)</li> <li>- Transfer files between two PCs directly</li> <li>- USB bus-powered from either USB port</li> <li>- Works with Windows Easy Transfer - Auto installation</li> <li>- Auto installation</li> </ul>
	AN2230	USB 2.0 Link Adapter	<ul style="list-style-type: none"> <li>- USB 2.0 Cable (Type A)</li> <li>- Transfer files between two PCs directly</li> <li>- USB bus-powered from either USB port</li> <li>- Works with Windows Easy Transfer</li> </ul>
	AN2640	High-Speed File Transfer Adapter	<ul style="list-style-type: none"> <li>- USB 2.0 Cable (Type A)</li> <li>- Transfer files between two PCs directly</li> <li>- USB bus-powered from either USB port - Auto installation</li> <li>- EasySuite software included</li> </ul>
	AN2641	High-Speed File Transfer Adapter	<ul style="list-style-type: none"> <li>- USB 2.0 Cable (Type A)</li> <li>- Transfer files between two PCs directly</li> <li>- USB bus-powered from either USB port - Auto installation</li> <li>- EasySuite software included</li> </ul>

USB Audio			
	AA1570	USB 7.1 CH Sound Box	<ul style="list-style-type: none"> <li>- USB 2.0 Upstream Port (Type B)</li> <li>- Audio output</li> <li>• S/PDIF x 1 for Dolby digital 7.1 channel audio out</li> <li>• 3.5mm audio jack x 5 for 5.1 channel audio out</li> <li>- Audio input</li> <li>• Stereo microphone in</li> <li>- Volume up/down/mute button</li> <li>- Record mute button</li> </ul> <p>► Improve your PC/Mac audio quality dramatically</p>
	AA1500	USB 5.1 CH Sound Box	<ul style="list-style-type: none"> <li>- USB 2.0 Upstream Cable built in (Type A)</li> <li>- Audio output</li> <li>• 3.5mm audio jack x 5 for 5.1 channel audio out</li> <li>• 3.5mm audio jack x 5 for 5.1 channel audio out</li> <li>- Audio input</li> <li>• Stereo microphone in</li> <li>- Volume up/down button</li> </ul>
	AA1504	USB 5.1 CH Sound Box	<ul style="list-style-type: none"> <li>- USB 2.0 Upstream Cable built in (Type A)</li> <li>- Audio output</li> <li>• 3.5mm audio jack x 5 for 5.1 channel audio out</li> <li>• 3.5mm audio jack x 5 for 5.1 channel audio out</li> <li>- Audio input</li> <li>• Stereo microphone in</li> <li>- Volume up/down button</li> </ul>

USB Share Switch			
	SS2115		<ul style="list-style-type: none"> <li>- USB 2.0 upstream Port (Type B) x 1 to PC</li> <li>- USB 2.0 downstream Port (Type A) x 2 to device (SS2115)</li> <li>- Selection by double click Scroll Lock key.</li> <li>- USB bus-powered</li> </ul>
	SS2155	USB Share Switch	<ul style="list-style-type: none"> <li>- USB 2.0 upstream Port (Type B) x 1 to PC</li> <li>- USB 2.0 downstream Port (Type A) x 4 to device (SS2155)</li> <li>- Selection by double click Scroll Lock key.</li> <li>- USB bus-powered</li> </ul>

USB Cable Adapter			
	AS1200	USB 2.0 to SATA/IDE Combo Adapter	<ul style="list-style-type: none"> <li>- USB 2.0 Upstream Cable built in (Type A) - Compliant with SATA 1.0a</li> <li>- Support 2.5"/3.5"/5.25" IDE and SATA devices by</li> <li>- Dual-Head IDE connector (40 pin and 44 pin)</li> <li>• SATA connector</li> <li>• USB bus-powered</li> </ul>
	AS3200	USB 3.0 to SATA Adapter	<ul style="list-style-type: none"> <li>- USB 3.0 Upstream Cable built in (Type A)</li> <li>- Compliant with SATA II</li> <li>- Support 2.5"/3.5" SATA/SATA II HDD</li> <li>- External power support for 3.5" HDD</li> </ul>
	AR2510	USB2.0 Active Repeater Cable	<ul style="list-style-type: none"> <li>- Active USB 2.0 repeater cable</li> <li>• Repeater cable length is 12 meter (AR2510)</li> <li>- Bus-powered mode</li> </ul>
	AR3000	USB 3.0 Active Repeater Cable	<ul style="list-style-type: none"> <li>- Active USB 3.0 repeater cable</li> <li>- Repeater cable length is 3 meter</li> <li>- Max. Transfer rate at 5 Gbps</li> <li>- Bus-powered mode and self-powered mode</li> </ul>
	AP1103	USB to Serial Adapter	<ul style="list-style-type: none"> <li>- USB 1.1 Upstream Cable built in (Type A)</li> <li>- Serial port DE-9 pin connector</li> <li>- Bus-powered mode</li> </ul>
	AP1200	USB to PS/2 Adapter	<ul style="list-style-type: none"> <li>- USB 1.1 Upstream Cable built in (Type A)</li> <li>- P S/2 mini Din 6 pin connector for keyboard and mouse</li> <li>- Bus-powered mode</li> </ul>
	AP1305	USB to Parallel Adapter	<ul style="list-style-type: none"> <li>- USB 1.1 Upstream Cable built in (Type A)</li> <li>- IEEE 1284 25/36 pin connector</li> <li>- Bus-powered mode</li> </ul>



Other Products			
	CD53K000	DVI-D TO HDMI ADAPTER	<ul style="list-style-type: none"> <li>- DVI-D 18P + 1P M</li> <li>- HDMI 19P F</li> </ul>
	CD17Z000VGA	DVI-I FEMALE DUAL LINK TO VGA MALE ADAPTER	<ul style="list-style-type: none"> <li>- DVI-I 24P + 5P Female to VGA HDD 15 Pin Male</li> </ul>
	CD1HH	HDMI MALE TO HDMI CABLE	<ul style="list-style-type: none"> <li>- Increases bandwidth to 10.2Gbps(340Mhz)</li> <li>- Offers support for 16-bit color, increased refresh rates(ex.120Hz)</li> <li>- Support for 1440p/WQXGA resolutions</li> </ul>
	CD15G	DVI 24P + 1P MALE TO HDMI MALE CABLE	<ul style="list-style-type: none"> <li>- Increases bandwidth to 10.2Gbps(340Mhz)</li> <li>- Offers support for 16-bit color, increased refresh rates(ex. 120Hz)</li> <li>- Support for 1440p/WQXGA resolutions</li> <li>- Pin to Pin compatible with DVI</li> </ul>
	CD1HL	HDMI MALE TO MICRO HDMI Cable	<ul style="list-style-type: none"> <li>- Support HDMI v1.4</li> <li>- Increases bandwidth to 10.2Gbps (340MHz)</li> </ul>
	CD166	DVI-I (INTEGRATED) TO DVI-I DUAL LINK CABLE	<ul style="list-style-type: none"> <li>- DVI-I 24P + 5P Male to DVI-I 24P + 5P Male</li> </ul>
	CD155	DVI-D (DIGITAL) TO DVI-D DUAL LINK CABLE	<ul style="list-style-type: none"> <li>- DVI-D 24P + 1P Male to DVI-D 24P + 1P Male</li> </ul>