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# 4K Video and Ethernet 2-in-1 Accessory Kit for Microsoft Surface and Surface Pro with RJ45, VGA and HDMI Ports

MODEL NUMBER: P137-GHV-V2-K











Adds Gigabit Ethernet access and an external VGA or 4K HDMI monitor to your Microsoft Surface or Surface Pro.

### Description

The P137-GHV-V2-K 4K Video and Ethernet 2-in-1 Accessory Kit expands the capabilities of your Microsoft® Surface® or Surface Pro by adding Gigabit Ethernet access and an external 4K HDMI or VGA monitor. These two lightweight, low-profile adapters fit neatly into your backpack or laptop bag, so you can use them anywhere you take your Surface product.

For displaying videos, spreadsheets, documents and presentations on a larger screen, the Mini DisplayPort™ to VGA/HDMI adapter has separate HD15 and HDMI female ports for connecting your Surface's Mini DisplayPort to a VGA or HDMI monitor, television or projector. The VGA connection supports video resolutions up to 1920 x 1200, including 1080p. The HDMI connection supports UHD resolutions up to 3840 x 2160 (4K x 2K) at 24/30 Hz, as well as 36-bit Deep Color (12 bits per channel).

The USB 3.0 SuperSpeed to Gigabit Ethernet adapter allows your Surface to access a 10/100/1000 Mbps wired network without an internal Ethernet card. It achieves USB 3.0 data transfer speeds up to 5 Gbps without compromising signal quality. It complies with IEEE 802.3 (10Base-T) and 802.3u (100Base-TX) standards and supports IEEE 802.3az Energy Efficient Ethernet, as well as full- and half-duplex operations, suspend mode and remote wakeup via link-up, and magic packet.

#### **Features**

## Mini DisplayPort to VGA/HDMI Adapter

- Connects your Surface to a VGA or HDMI display
- HD15 port supports video resolutions up to 1920 x 1200, including 1080p
- HDMI port supports UHD video resolutions up to 3840 x 2160 (4K x 2K) @ 24/30 Hz

# **Highlights**

- Supports HDMI video resolutions up to 3840 x 2160 (4K x 2K) @ 24/30 Hz
- Supports VGA video resolutions up to 1920 x 1200 (1080p)
- Ensures true 10/100/1000 Mbps
   Ethernet network speeds
- Plug and play with no external power supply needed
- Small enough to carry easily in laptop bag or backpack

#### **Package Includes**

- Mini DisplayPort to VGA/HDMI adapter (M/2xF)
- USB 3.0 SuperSpeed to Gigabit Ethernet adapter (M/F)
- Driver CD for Ethernet adapter
- Owner's manual for Ethernet adapter



- Supports 36-bit Deep Color (12 bits per channel)
- Thunderbolt 1 & 2 compatible

### **USB 3.0 SuperSpeed to Gigabit Ethernet Adapter**

- Connects your Surface to a wired Ethernet network
- Ensures true 10/100/1000 Mbps network speeds
- Reaches USB 3.0 data transfer speeds up to 5 Gbps
- Complies with IEEE 802.3, 802.3u, 802.3ab and 802.3az standards
- Supports full- and half-duplex, suspend mode and remote wakeup via link-up, and magic packet

#### **Plug and Play Operation**

- No external power supply needed
- Small enough to carry easily in laptop bag or backpack
- Compatible with Microsoft Surface and Surface Pro

# **Specifications**

| OVERVIEW                        |  |
|---------------------------------|--|
| UPC Code                        | 037332198129   |
| Accessories Type                | Adapter  |
| Technology                      | Cat5/5e; Cat6; DisplayPort (all types); HDMI (All types); USB (all versions); USB 3.0 (SuperSpeed); VGA/SVGA |
| INPUT                           |  |
| Cable Length (ft.)              | 0.5  |
| Cable Length (m)                | 0.2  |
| Cable Length (in.)              | 6  |
| Cable Length (cm)               | 15.24  |
| PHYSICAL                        |  |
| Shipping Dimensions (hwd / in.) | 0.980 x 6.000 x 5.300  |
| Shipping Dimensions (hwd / cm)  | 2.49 x 15.24 x 13.46   |
| Shipping Weight (lbs.)          | 0.4000   |
| Shipping Weight (kg)            | 0.18   |
| Color                           | White  |
| CONNECTIONS                     |  |
| Side A - Connector 1            | MINI DISPLAYPORT (MALE)  |
| Side A - Connector 2            | USB 3.0 A (MALE)   |



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| Side B - Connector 1                   | HD15 (FEMALE); HDMI (FEMALE) |  |
|--|------------------------------|--|
| Side B - Connector 2                   | RJ45 (FEMALE)                |  |
| WARRANTY                               |                              |  |
| Product Warranty Period<br>(Worldwide) | 3-year limited warranty      |  |

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