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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)
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

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