

## 4K Video and Ethernet 3-in-1 Accessory Kit for Microsoft Surface and Surface Pro

MODEL NUMBER: **P137-GHV-V2-K2**



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

### Description

The P137-GHV-V2-K2 4K Video and Ethernet 3-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 three 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 adapter allows connection to a VGA-enabled monitor at resolutions up to 1920 x 1200, including 1080p. Or use the Mini DisplayPort to HDMI adapter to connect to a 4K-enabled television, monitor or projector at UHD resolutions up to 3840 x 2160 (@ 24/30 Hz).

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 Adapter

- Connects your Surface to a VGA display
- Supports VGA video resolutions up to 1920 x 1200
- Thunderbolt 1 & 2 compatible

#### Mini DisplayPort to HDMI Adapter

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



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- Connects your Surface to an HDMI display
- Supports HDMI video resolutions up to 3840 x 2160 (4K x 2K) @ 24/30 Hz
- 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                        | 037332198136              |
| INPUT                           |                           |
| Cable Length (ft.)              | 0.5                       |
| Cable Length (m)                | 0.2                       |
| Cable Length (in.)              | 6                         |
| Cable Length (cm)               | 15.24                     |
| PHYSICAL                        |                           |
| Color                           | Black; White              |
| Shipping Dimensions (hwd / cm)  | 2.49 x 15.75 x 20.32      |
| Shipping Dimensions (hwd / in.) | 0.98 x 6.20 x 8.00        |
| Shipping Weight (kg)            | 0.09                      |
| Shipping Weight (lbs.)          | 0.20                      |
| CONNECTIONS                     |                           |
| Side A - Connector 1            | MINI DISPLAYPORT (MALE)   |
| Side A - Connector 2            | MINI DISPLAYPORT (FEMALE) |
| Side A - Connector 3            | USB 3.0 A (MALE)          |



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|                                      |   |
|--------------------------------------|---|
| Side B - Connector 1                 | HDMI (FEMALE)   |
| Side B - Connector 2                 | HD15 (FEMALE)   |
| Side B - Connector 3                 | RJ45 (FEMALE)   |
| <b>FEATURES &amp; SPECIFICATIONS</b> |   |
| Technology                           | Cat5/5e; Cat6; DisplayPort; HDMI; USB; USB 3.0 (SuperSpeed); VGA/SVGA |
| <b>WARRANTY</b>                      |   |
| Product Warranty Period (Worldwide)  | 3-year limited warranty   |

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