

# 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<sup>™</sup> 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

- 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

### **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



- 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
Product Type	Video Adapter
Accessory Type	Adapter
Technology	Cat5/5e; Cat6; DisplayPort; HDMI; VGA/SVGA
PHYSICAL	
Color	Black; White
Cable Length (ft.)	0.5
Cable Length (m)	0.15
Cable Length (in.)	6
Cable Length (cm)	15.24
Shipping Dimensions (hwd / in.)	0.98 x 6.20 x 8.00
Shipping Dimensions (hwd / cm)	2.49 x 15.75 x 20.32
Shipping Weight (lbs.)	0.20
Shipping Weight (kg)	0.09
CONNECTIONS	
Side A - Connector 1	MINI DISPLAYPORT (MALE)
Side A - Connector 2	MINI DISPLAYPORT (FEMALE)
Side A - Connector 3	USB 3.0 A (MALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	HD15 (FEMALE)
Side B - Connector 3	RJ45 (FEMALE)
STANDARDS & COMPLIANCE	
Product Compliance	RoHS



WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty



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