

## Product Highlights

### Flexible Deployment

Administrators can now place Power over Ethernet devices such as access points and cameras in remote locations that have limited access to power outlets

### Plug and Play

Easy to install; no additional software required, and 48 V power output supports devices using up to 24 watts of power

### Gigabit Speeds

Not only is power delivered via a single Ethernet cable, but data can be transmitted at Gigabit speeds for improved performance



## DKT-200

# Gigabit PoE Kit

## Features

### Flexible Power Options

- Provides DC power over an existing Ethernet cable to a LAN device or IP camera
- Transforms incoming AC power into low-voltage DC power
- Transmits power up to 328 feet away (100 m)<sup>1</sup>
- Supports 48 V DC input and output

### Convenience

- Compact design
- Plug-and-play
- Includes a PoE injector and a power adapter
- No software required
- Operating system independent

The DKT-200 Gigabit PoE Kit includes one passive Power over Ethernet (PoE) injector and one 48 V / 0.5 A adapter. It is designed to supply operational power and Gigabit uplink bandwidth to surveillance cameras and PoE LAN devices such as access points, cameras, and routers. It enables power to be delivered over the network via an Ethernet cable, eliminating the need to place the device near an existing power source. The injector unit is designed to accept a power input, so the DKT-200 is ideal for connections between a non-Power over Ethernet switch and a remote PoE device.

## Convenient Installation

Network administrators can use the DKT-200 to deploy PoE LAN devices and cameras in hard-to-reach places such as rooftops, ceilings, or any other place not usually in close proximity to a power outlet. Support for 48 V DC input and output provides compatibility for most devices, and its plug-and-play design means there's nothing else to configure. This means that administrators have the freedom to position network devices where they will be most effective, rather than having to settle for less desirable locations due to the limited availability of power, or use messy power extension cables.

## Gigabit Performance

Future-proof your expanding network with support for Gigabit speeds so your network devices perform at their maximum potential. Due to the increasing popularity of megapixel IP cameras, support for Gigabit throughput means smoother high-resolution streams, resulting in more detail-rich images. Using the DKT-200, both power and data can be transmitted up to 328 feet (100 m) using standard Ethernet cabling without deterioration in performance.

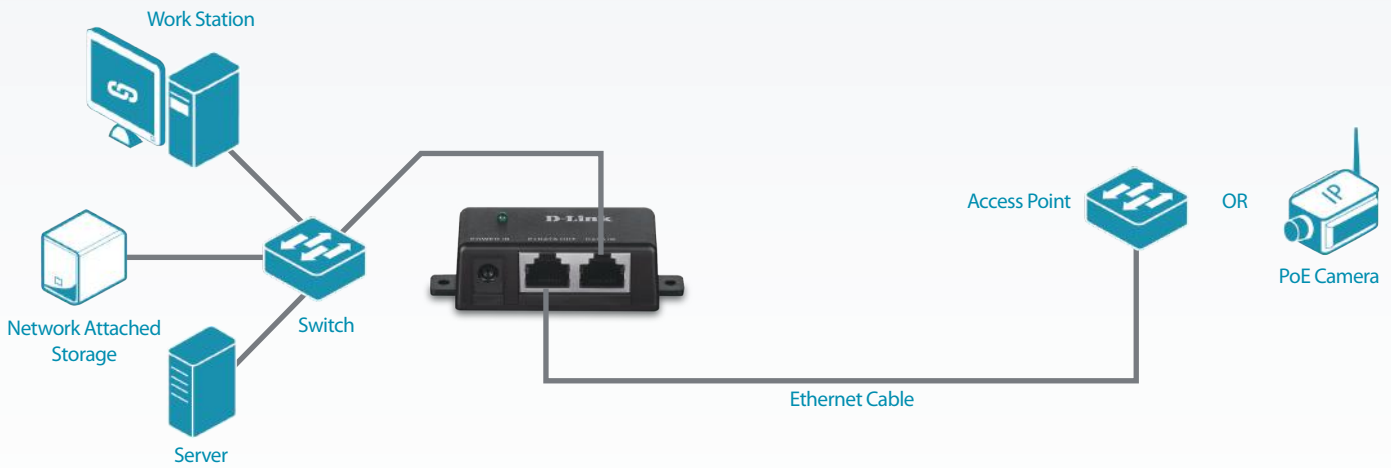
## Easy to Set Up

The DKT-200 Gigabit PoE Kit is simple to deploy because it requires no tools or software to install. Its compact size makes implementation of the DKT-200 easy. Network administrators can simply plug the injector into a power outlet and connect a network switch, then connect to a network device in another location using a standard Ethernet cable. Power and data will be transmitted through this cable to enable PoE functionality in the remote location. Once connected, up to 24 watts of power can be outputted to any compatible 48 V PoE device such as access points, IP cameras, and routers.<sup>2</sup>

## Injector Unit



## Deployment Scenario



## Technical Specifications

### General

Ethernet	<ul style="list-style-type: none"> <li>Data rate: 10/100/1000 Mbps</li> <li>Connector: RJ-45</li> </ul>	<ul style="list-style-type: none"> <li>TIA/EIA 568 Cat-5 and above</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>Power</li> </ul>	

### Physical

Dimensions	<ul style="list-style-type: none"> <li>Injector: 74 x 27.8 x 20.8 mm (2.91 x 1.09 x 0.82 inches)</li> </ul>	<ul style="list-style-type: none"> <li>Adapter: 83.2 x 79.8 x 33.2 mm (3.28 x 3.14 x 1.31 inches)</li> </ul>
Weight	<ul style="list-style-type: none"> <li>Injector + Adapter: 164 grams (5.78 ounces)</li> </ul>	
Power	<ul style="list-style-type: none"> <li>Input: 110 to 220 V AC</li> </ul>	<ul style="list-style-type: none"> <li>Output: 48 V (max. 24 W)</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>Operating: 0 to 40 °C (32 to 122 °F)</li> </ul>	<ul style="list-style-type: none"> <li>Storage: -20 to 60 °C (-4 to 140 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>Operating: 20% to 95% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>Storage: 20% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>FCC Class B</li> </ul>	<ul style="list-style-type: none"> <li>CE Class B</li> </ul>

# DKT-200 Gigabit PoE Kit

Order Information	
<i>Part Number</i>	<i>Description</i>
DKT-200	Gigabit PoE Kit

<sup>1</sup> Maximum distance as per 802.3u specifications

<sup>2</sup> Maximum power output - 48 V (24 W)

Updated 2014/04/18