![Berk-Tek — A Nexans Company logo]

Remote devices mount in enclosures and connect to active devices up to 100 meters away using category cables terminated with standard RJ45 connectors.

Description

Whether you need to enable a single wireless access point for a common study area on campus or to support multiple cameras securing a remote parking area, the OneReach System gives you the power to get the job done. In the past, these types of installations might have required the installation of local 120 Volt power and/or industrial switches, both at a significant cost. But not any more.

Now OneReach enables you to take power easily from the closet, over the OCA to the Remote PoE Port specially suited for your application. And no matter which RPP you select, to support one or multiple-devices, completing the OneReach System installation is a snap. Mounted in a standard enclosure, the M8 Connector of the OCA simply screws into place and the data connection is completed as soon as you plug in the standard LC connectors that arrive pre-terminated on your assembly.

Any IP-based device with appropriate power requirements can easily be connected to the RPP with category cables terminated using standard RJ45 connectivity.

The PoE extender system shall be compliant with CE, IEC/UL 60950-1, FCC Part 15 Subpart B EMC.

Benefits

- No need to install costly remote power outlets
- No need to install remote industrial switches
- Easily attach pre-terminated LC or MPO connectors for data transmission
- Standard M8 connector screws into place to complete power circuit
- Uses standard RJ45 connectivity to patch to the security camera, wireless access point or any other IP-based device
- Allows common pathway for fiber backbone and Class 3 power supply

Standards

International EN 50173; ISO/IEC 11801

National ANSI/ICEA S-104-696; UL 13

Characteristics

Construction characteristics	
Connector type	LC Duplex & M8
Usage characteristics	
Operating temperature, range	-40 .. 50 °C

Remote PoE Devices

Part #	Description	Quantity of Supported PoE Powered Devices
81000174	Remote Converter, 1-port 10/100Mb/s, PoE, 1 LC duplex, Multimode, RJ45, M8 Power Input	1
81000334	Remote Converter, 1-port 10/100Mb/s, PoE, 1 LC duplex, Multimode, RJ45, M8 Power Input, DIN rail mount	1
81000218	Remote Converter, 1-port 10/100Mb/s, PoE+, 1 LC duplex, Multimode, RJ45, M8 Power Input	1 (PoE+)
81000381	Remote Converter, 1-port 10/100/1000Mb/s, PoE+, 1 LC duplex, Multimode, RJ45, M8 Power Input	1 (PoE+)
81000343	Remote Converter, 1-port 10/100Mb/s, PoE+, 1 LC duplex, Multimode, RJ45, M8 Power Input, DIN rail mount	1 (PoE+)
81000462	Remote Converter, 1-port 10/100Mb/s, High PoE (PoE++, 60 W), 1 LC duplex, Multimode, RJ45, M8 Power Input	1 (PoE++)
81000176	Remote Converter, 4-port 10/100Mb/s, PoE, 4 MTP(m), Multimode, RJ45, M8 Power Input	4
81000177	Remote Converter, 4-port 10/100Mb/s, PoE+, 4 MTP(m), Multimode, RJ45, M8 Power Input	4 (PoE+)
81000415	Remote Converter, 4-port 10/100/1000, PoE+, 4 MTP(m), Multimode, RJ45, M8 Power Input	4 (PoE+)

1-port Remote Dimensions (inches)