ISEM Solutions

ISEM Solutions Presents – Enable-IT 865 - (PoE+) & 100Mbps Full Duplex Ethernet Extender.

Enable-IT™ 865 Single-Line Ethernet Extender Kit is the world's only available solution to deliver Voice, Data & PoE in a combined package.

Ethernet extenders drive high-bandwidth duplex signals significantly beyond (sometimes up to 20x beyond) Ethernet's distance limit over most forms of copper cabling, including CAT-rated cabling and telephone wire. This can save organizations quite a cost in administration, installation and security over fibre deployment, thereby granting security integrators the ability to enter lower-budget markets and bypass administrative headaches.

The Enable-IT™ 865 Single-Line Ethernet Extender Kit is the world's only available solution to deliver Voice, Data and PoE in a combined package that exceeds the IEEE distance limitations for all Ethernet equipment and 802.3at PoE Plus. The 865 enables the simple installation of a PoE device up to 2,500ft (762m) From your LAN and Power Source. This is ideal for installing PoE IP Security cameras or PoE WiFi Access Points or for a standalone remote self powered LAN up to 3,500ft (1,067m).

These extenders drive the reach of Ethernet to more than (10.7) ten times the typical Ethernet distance. 2,500ft/762m distance if using the PoE power to drive up to a 30v PoE device or 3,500ft/1,067m distance if using the PoE power standalone for the remote 865 CPE device only and LAN2 output for data/voice. The 865 kit can even be used on live voice wiring transparently; try that with your expensive LRE. No other Ethernet Extender manufacturer supports voice over the same pair of wire with data and PoE. Only Enable-IT extenders can.

To increase the durability and extended use of the product providing maximum future technology protection, 865 Extended PoE and Ethernet Units have been designed to meet the challenge of modern switched LANs and allows you to add features and capacity as your network expands. The 865 units have been tested to provide full duplex transport up to 100MB/s over CAT2 cabling or better. These unit also support the use of standalone PoE injectors natively.

Features
Extended Ethernet with Power over Ethernet(PoE+) on 2, 3 or 4 pair existing Telephone wiring or category rated wiring.
IEEE 802.3at PoE+ is delivered on pins 4/5 - positive and 7/8 - negative - Custom Reverse polarity cable available on request
Rapid LAN style installation RJ45 jacks - no programming required.
High Power PTZ Camera support (4-pair PoE+) available on request only
Supports VoD (Video on Demand) & MPEG IP channels.

Supports VoIP (Voice over IP).
Network Equipment independence - Transparent to protocols, applications and MAC addresses.
Sustained full-duplex service delivery end to end.
Native PoE support for any standalone PoE injector to 2,500ft and up to 3,500ft when used for self powered LAN mode only.

ISEM Solutions offer's a wide range of solutions to extend Ethernet networks, for every data type imaginable, up to 20x beyond the stifling IEEE/Ethernet distance limit of just 328 feet (or 100 meters). For more details, please visit our website www.isemsolutions.com or www.enableit.com Please contact us at sales@isemsolutions.com , to find out how we can help you with your Ethernet extension requirements, we will help you to stay one step ahead.

ISEM Solutions brings an unprecedented combination of high functionality, proven, cost effective Ethernet Extension (Ethernet Repeater / Ethernet Bridge / Network Extender / LAN Extender) technology to exceed your expectations and deliver significant value. At ISEM, we understand such techniques and technology that are rapidly changing & so we bring our learning experience to identify, select and implement the perfect cost effective Ethernet Extension products. ISEM Solutions is an exclusive Partner for Enable IT& distributes the simplest to use and most cost effective Ethernet Extension solutions. We offer a wide range of solutions to extend Ethernet networks, for every data type imaginable, up to 20x beyond the stifling IEEE/Ethernet distance limit of just 328 feet (or 100 meters). ISEM Solutions is an exclusive Partner for Enable IT in India & distributes the simplest to use and most cost effective Ethernet Extension solutions.

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