

Vi2308 / Vi2316

MaxiiCopper™ 8 and 16-port High-Speed Ethernet Extenders over UTP

Features

- Extends Ethernet Networks beyond 100 m limitation for CCTV and IT projects
10BaseT up to 5,000 feet (1,524m) and 100BaseT up to 2,100 feet (640m)
- Supports up to 8 or 16 ports
- Avoids rewiring and expense of traditional Ethernet network equipment
- Excellent for high network bandwidth requirements of Mega-pixel cameras
- 19 inch, 1U rack or wall mountable
- Compatible with any LAN device and fully transparent to Ethernet networks
- No IP address programming or other networking setup required
- LED Indicators provide link status and data rate
- Supports one pair or four-pair UTP wires
- Limited lifetime warranty



Applications

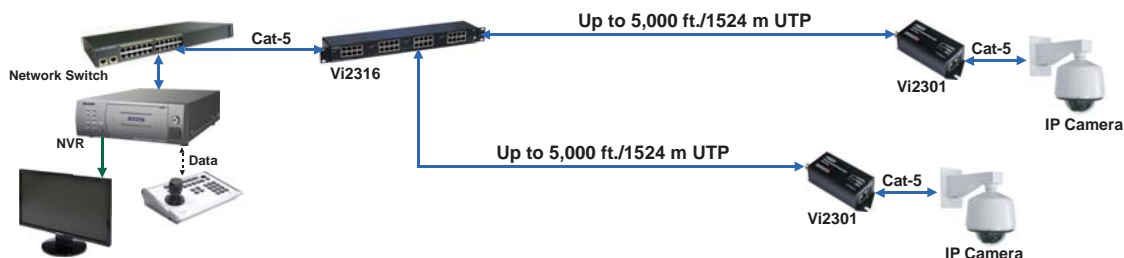
- Retrofit analog CCTV installations into Digital systems
- Extending Networks in industrial environment
- CCTV System for Casinos, Airports, School campuses

The MaxiiCopper Model Vi2308 and Vi2316 hubs are revolutionary data transmission devices that extend full-duplex High-Speed Ethernet over new or existing UTP infrastructures. They extend 10BaseT signals up to 5,000 feet (1,524m) and 100BaseT up to 2,100 feet (640m). They employ MaxiiCopper, an innovative and unique Ethernet extension technology, that is designed to take full advantage of high-bandwidth networking cables and maintain a full-duplex 10 or 100 Mb/s Ethernet connection up to the maximum range with minimum transmission error and latency. Multiple remote network devices such as Mega-pixel IP cameras or VoIP can be connected to a central LAN switching fabric with ease. Their dual-rate capability provides an easy way to balance the best possible network throughput and long-reach distance design. The Vi2308 supports up to 8 ports and Vi2316 supports up to 16 ports.

These hubs need to be deployed along with Vi2301 on the remote end of each UTP cable. They are equipped with LEDs to provide link status and configured data rate. They are completely transparent to the corporate IP network and higher layer protocols and require no IP setting or other programming configurations. These hubs can use either one pair or 4 pairs of UTP.

The Vi2308 and Vi2316 are offered in 19 inch 1U height enclosure for rack-mount or wall-mount applications. They are ideal for medium to large scale networking or digital CCTV projects.

Application Diagram



Technical Specification*

Electrical

Ethernet Interface	Standard 10/100BaseT
Ethernet Rate	Dip switch selectable 10/100 Mb/s Full speed / full duplex at maximum rated distance
UTP	100 Ohm, 5000 feet (1,524 m) at 10BaseT 2100 feet (640 m) at 100BaseT
Power Supply	12 VDC, 2.5 A maximum
Status LEDs	Red LED, link Green LED, 10BaseT Yellow LED, 100BaseT
Connectors	Ethernet Interface: RJ-45 Connector Extended Interface: RJ-45 Connector Power: IEC380-8 inlet

Environmental

Humidity	0 to 95%, non-condensing
Temperature	Operating: -10°C to +50°C Storage: -30°C to +70°C

Mechanical

Dimensions	1.75x3.25x17 in., 4.4x8.25x43 cm (HxWxL)
Weight	Vi2308: 1.8 lb (0.82 Kg), Vi2316: 3.25 lb (1.5 Kg)
Material	Aluminum

Included Accessories

- 12 VDC, 3 A wall-mount power supply
- Rack mount brackets

*Specifications subject to change without notice.

Ordering Information

PART No.	Description
Vi2301	Single port UTP Ethernet Extender
Vi2304	4-port UTP Ethernet Extender
Vi2308	8-port UTP Ethernet Extender, 19", 1U
Vi2316	16-port UTP Ethernet Extender, 19", 1U

System Configuration

