

## 16 Port Ethernet Hub

### Model ETHUB16

The ETHUB16 provides a complete 10Base-T rack mount Hub solution for your 10Base-T 10Mbps Ethernet local area network. As a wiring hub the ETHUB16 offers 16 UTP (Unshielded Twisted Pair) ports. The ETHUB16 includes a daisy-chain port for Hub-to-Hub connection, true repeater functionality, internal universal power supply and a modular slot that allows connection to a 10Base-2 (BNC), 10Base-5(AUI) and 10BASE-FL (Fiber-optic) cabled networks.

#### Features:

- Complies with IEEE 802.3
- 16 UTP (unshielded twisted pair) ports
- 1 daisy-chain port (activated by a switch)
- Automatic partition capability for STP ports
- 1 AUI port
- 1 Module slot (for AUI, BNC and 10Base-FL modules)
- "Hot swapping" of optional module
- LED indicators: Power, Collision, LK/RX for each port; Partition for each port
- Universal Internal Power Supply: AC 90 V – 260V/ 47-63Hz
- High quality 19" rack mount case
- Dimensions: 220 x 429 x 43 mm (8 2/3" x 17" x 1 3/4")
- FCC Class A, CE mark



#### Daisy-chain switch:

The first UTP port can be used as a daisy-chain link to another hub. Set the switch to the daisy-chain position to enable this function. Connect a UTP cable from the daisy-chain port to another hub's regular port (not its daisy-chain port).

#### Hub Ports:

The hub supports 16 RJ-45 connectors for 10Base-T specification connections. The maximum distance is 100 m (328 ft.). The first UTP port can be used to connect to another hub. The ETHUB16 also comes with a standard AUI 10Base-5 port and a module slot for adding an optional 10Base-5, 10Base-2, or a 10Base FL module.

#### LED Indicators:

LED Indicator	LED Activity	Explanation
Power	LED on	Red colored LED is on to indicate that the power is on
TX/RX	LED Flashes	Green colored LED flashes to indicate network traffic on the dedicated AUI port or the optional module port
Link/Activity	LED on	One for each port –Green LED when on indicates the port is connected to a node
	LED off	Indicates no connection or a poor connection – possible reasons include: <ol style="list-style-type: none"> <li>No connection between port and node</li> <li>The twisted pair cable is faulty</li> <li>The cable exceeds the permitted length of 100 meters (328 feet)</li> <li>A non-10Base-T device is connected at the node</li> </ol>
	LED Flashes	Green LED flashes when the port is transmitting data
Partition	LED on	Red colored LED is on when the hub detects faulty signals on a port and isolates that port

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