The H636 10/100Base-T ethernet switch creates a home network for two to five computers. "Plug and play" installation is easy when using the H628 data hub. The H636 is fully IEEE802.3 compliant and has activity LEDs for network status and speed. The H636 requires no programming and starts working at power up with no user intervention.

Ethernet switches are superior to ordinary Ethernet hubs in that they segment the data traffic. Computer A can talk to computer B while computers C and D also talk. Collisions are eliminated. Throughput is greatly enhanced.

The H636 learns the addressing of your network with no programming.

The H636 will automatically detect 10 base-T or 100 base-T adaptors on a port by port basis. The H636 will use the highest possible speed.

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OpenHouse™ modules attach from the top

1) Hook from the top
2) Swing into place
3) Push button to lock

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Expanding the Network

Using more than one hub
- Use only Category 5 unshielded twisted-pair cable.
- The cable length between two hubs cannot exceed 100 meters (328 feet).
- Additional hubs may be used as long as the path between any two network devices does not exceed four hubs and five cables.
- All hubs used must be powered.

Crossover cable
- A crossover cable exchanges the In and Out connections on one end. This will convert any standard port into a "link" port. Connecting two H636s or connecting an H636 to most firewalls will require using a crossover cable.

LED Indicators

ON - Connected ...
A working device is connected to this port.
BLINK - Activity ...
Data is being transmitted or received by this port.

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DECLARATION OF CONFORMITY

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which if found by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet other than the receiver’s outlet.
- Consult a dealer or an experienced radio/TV technician for assistance.

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Typical Installation

Ethernet connections for 4 rooms

H628

To Internet

Internet gateway or firewall

Crossover cable (typical)

H636 Ethernet hub

To data jacks in remote wall plates

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Wiring the H636 Hub

- Use only Category 5 unshielded twisted-pair cable.
- When connecting to an H628 or a network device directly, use straight through RJ-45 cables.
- Each run to a network device should be less than 100 meters (328 feet).

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Specifications: typical @ 25°C ± 5°C

<table>
<thead>
<tr>
<th>Compliance</th>
<th>IEEE 802.3</th>
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<tbody>
<tr>
<td>Network Interface</td>
<td>RJ-45 ports</td>
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<tr>
<td>Max cable length</td>
<td>CAT-5 (UTP) 100 meters (328 feet)</td>
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<td>LED Indicators</td>
<td>each unit</td>
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<tr>
<td></td>
<td>each port</td>
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<td></td>
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Open House Enclosures, Modules, Accessories & Wall Plates

Service center enclosures
A full line of OpenHouse compatible enclosures, from simple, inexpensive mounting plates to high capacity in-wall cabinets. AC outlets can be mounted inside the cabinets using a UL listed accessory.

Starter systems
RF splitters and telephone punch downs. When it is time to upgrade, just snap this module out and replace with one of more of the more sophisticated units.

Data hubs
Termination blocks for the CAT-5 cables. Ethernet hubs. Bring the Internet to any room in the home. Or create a home data network.

Telephone hubs
Connections for 1-4 phone lines to every room. Starter hub adds RJ-31X jack for security system dialer.

Wall plates
Wall plate systems for all rooms. The typical room gets TV and telephone. The Home office wall plate adds data ports. The media center wall plate adds satellite feeds.

Coax panels
Distribute antenna or cable TV to every room of the house. Some models include bi-directional amplifiers for interactive cable systems. Some models include modulator inputs and IR engines.

AV modulators
Create a new TV channel for a front door camera. Some models feature Cat-5 input connections.

AV modulators (for service center)
Create new TV channels for DVD, VCR, or a satellite receiver. These modulators sit in the media center. Some offer true MTS stereo.

IR Accessories
Control video devices from any room.

New Open House products are added all the time. Visit our website to learn more: www.openhousesystems.com

Wiring a house for OpenHouse
The service center is the brains of the operation. The service center connects to the service center electrical panel through 4-to-5 phone conductors, 4-to-5 computer conductors, 4-to-10 television conductors, and 4-to-5 in-wall telephone conductors. Each room in the home has its own service center enclosure. The service center enclosure is where the cables into your OpenHouse comes from the various rooms of the house and is connected to the service center enclosure.

Typical room - phone, TV
Home office - phone, TV, ethernet, satellite receiver, cable modem, hi-speed data

Typical room - phone, TV, ethernet
Media center - phone, TV, ethernet, satellite receiver, AV modulators, hi-speed data

Best …
Better …
Good …

Products are updated a lot. New Open House products are added all the time. New enclosures, modules and accessories have been introduced. See our web site for more product information.

Compatible
OpenHouse models:
1 Cat-5... 31X jack for security system dialer.
1 RG-6... 3 RG-6... 2 RG-6... 3 Cat-5... 2 Cat-5... 1 Cat-5... 3 RG-6... 2 Cat-5... 1 Cat-5...

* * *

Warranty
Multiplex Technology, Inc. warrants this product to be free from defects in materials and workmanship for a period of one year from the date of purchase or MTI will repair, or at its option, replace the defective product. To obtain warranty service, call MTI for a return material authorization (RMA) number and return the product prepaid to Multiplex Technology, Inc., 3001 Enterprise Street, Brea, CA 92821, Attention: Customer Service. Please put the RMA number on the outside of the carton.

Any implied warranty arising from the sale of the product including implied warranties of merchantability and fitness for purpose are limited to the warranty stated above. MTI shall not be responsible for losses or damages or expenses, whether direct, consequential or incidental arising from the use of or the inability to use this product. Some states do not allow limitations on how long the implied warranty lasts or the exclusion or limitation or incidental or consequential damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which may vary from state to state.

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