



The Vi0015 combination cable is used to combine the PoE output from two ports resulting in a PoE power level that is higher than either port.

The Vi0015 has two color coded cables. They are black and blue. The black cable carries only power. The Blue cable carries power and data. To connect the Midspan to the switch use the port that is connected to the blue cable to connect the partner port to the switch.

When used with the Vi2216A, where the first four ports can product power up to 74 watts, an additional 8 ports can be combined resulting in 4 ports providing 74 watts. When using the Vi2208A, the first ports can provide up to 74 watts. If the first four ports are not all used at 74 watts, two of the remaining four ports 5-8 can be combined to yield PoE power higher than 37 watts depending on available total Vi2208A power.

The same applies to the compatible products listed.

## Important Safety Warning

- Read these instructions.
- Keep these instructions.
- Follow all instructions.
- Heed all warnings.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Install in accordance with the manufacturer's instructions.
- This installation should be made by a qualified service person and should conform to all local codes.
- DO NOT bundle UTP or Coax signals in the same conduit as high-voltage wiring.
- To reduce the risk of fire or electrical shock, do not expose these products to rain, moisture, dripping or splashing.
- No objects filled with liquids, such as vases, shall be placed on Vigitron equipment.
- DO NOT install the unit in a place where the operating ambient temperature exceeds 70°C or is below -10°C to -30°C.
- Make sure that the external power supply output voltage is in the recommended range.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including DVRs) that produce heat.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as a power supply cord or plug is damaged, liquid has been spilled, or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

**CAUTION**

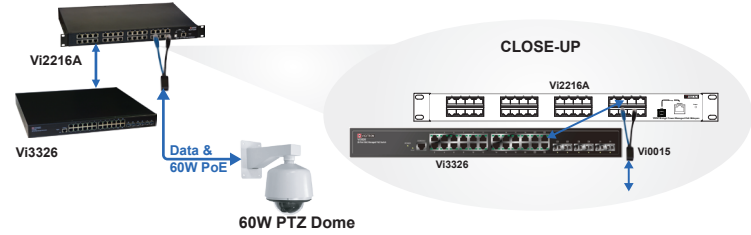
**RISK OF ELECTRIC SHOCK**

**DO NOT OPEN**

CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

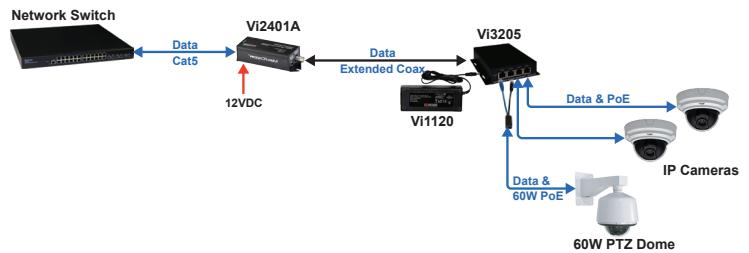
**! WARNING!** - To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. This apparatus should not be exposed to dripping or splashing and no objects filled with liquids, such as vases should be placed on the apparatus.

## Installation for Vi2208A and Vi2216A



1. Do not use with ports 1-4 unless the PoE power level is set at 37 watts or less.
2. Connect the black and blue cables to any two ports.
3. Connect the associated port to where the blue cable is connected to the network switch. This is the cable that carries data.
4. If the network switch is a PoE switch, it is suggested but not required, PoE programmed to that port should be off.
5. Available PoE power will be the sum of the PoE.
6. PoE will not be present until the connection is made to from the Vi2208A/Vi2216A and the powered device.

## Installation for 5-ports Switches



The Vi0015 can be used with the following models to combine port PoE power.

| PART No. | Description   |
|----------|---|
| Vi3005   | 5-Port 60W PoE++ Powered PoE 10/100 Switch          |
| Vi30005  | 5-Port 60W PoE++ Powered 10/100/1G Switch           |
| Vi3305   | 5-Port Extended UTP PoE Switch, Standard Uplink     |
| Vi3105   | 5-Port PoE Powered PoE Switch, Extended UTP Uplink  |
| Vi3205   | 5-Port PoE Powered PoE Switch, Extended Coax Uplink |

1. Connect the blue and black cables to any two successive ports.
2. As these switches will allocate power based on port number, it is recommended that ports 1 and 2 be used followed by ports 3 and 4.
3. If the device being power requires 60 watts, the combined two source ports must provide 37 watts each.
4. It is recommended if higher than 30 watts is required for any application, the Vigitron Vi1120 power supply be used.
5. If the above switches are powered by PoE and PoE provided to the remaining 4 ports will only be equal of the PoE provided less 4 watts required for the switch.

## Technical Specifications\*

### Electrical

|                       |   |
|-----------------------|---|
| Connections           | 2x RJ45 Male<br>1x RJ45 Female                      |
| PoE Handling Capacity |   |
| Input                 | 15.4W (802.3af) x 2<br>30W (802.3at) x 2<br>37W x 2 |
| Output                | 15.4W (802.3af) x 2<br>30W (802.3at) x 2<br>74W     |

### Regulatory

|               |            |
|---------------|------------|
| Safety        | CE         |
| Environmental | RoHS, WEEE |

### Environmental

|             |  |
|-------------|--|
| Humidity    | 0 to 95%, non-condensing                   |
| Temperature | Operating: °C to +°C<br>Storage: °C to +°C |

Reliability

### Mechanical

|            |                             |
|------------|-----------------------------|
| Dimensions | 7.10 in., 18.03 cm (length) |
| Weight     | 0.053 lb (24g)              |
| Housing    | PVC                         |

\*Specifications subject to change without notice.

## Limited Lifetime Warranty

Vigtron, Inc. warrants that all Vigtron products ("Product"), if used in accordance with these instructions, will be free of defects in material and workmanship for lifetime defined as the duration period of time until product end of life is announcement. After which Vigtron will continue to provide warranty services for a period of 3 years. Period covering valid warranty will be determined by proof of purchase in the form of an invoice from an authorized Vigtron dealer.

Warranty will only be provided for as long as the original end user purchaser owns the product. Warranty is not transferrable. At Vigtron's option, defective product will be repaired, replaced or substituted with a product of equal value. This warranty does not apply if, in the judgment of Vigtron, Inc., the Product fails due to damage from shipment, handling, storage, accident, abuse or misuse, or if it has been used or maintained not conforming to Product manual instructions, has been modified, or serial number removed or defaced. Repair by anyone other than Vigtron, Inc. or an approved agent will void this warranty. Vigtron, Inc. shall not under any circumstances be liable to any person for any incidental, indirect or consequential damages, including damages resulting from use or malfunction of the product, loss of profits or revenues or costs of replacement goods. The maximum liability of Vigtron, Inc. under this warranty is limited to the original purchase price of the Product only.

