

## V-Line™ TAPs Virtually Inline

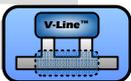


The V-Line™ series of TAPs provides complete failsafe protection for an inline appliances by allowing it to be installed *virtually inline*.

This capability is vital for customers who want to deploy inline appliances on mission critical network segments but simply can't afford the risk of unscheduled downtime or the costly dilemma of scheduled downtime for configuration changes, maintenance or repair scenarios.

- Hardware Solution built with Fail-safe Technology: 100% Network Availability
- Fail to safe on power loss – no point of failure
- Fail to safe if In-line Appliance is off-line (or fails) – no point of failure
- Supports: 100/1000 Copper, Multi-Mode Gigabit Fiber to Copper Gigabit, & Single Mode Gigabit Fiber to Copper Gigabit
- Connect Copper Gigabit In-Line Appliances to Multi-mode or Single Mode Gigabit Segments
- High Availability Redundant Solutions: Deploy two (2) In-Line Appliances to a Critical Segment
- Easy Installation and Proven Reliability
- 1U Enterprise Chassis with dual power supplies (a portable version is available)
- Used and approved by major In-Line Appliance vendors

### Features



**V-Line™** - virtually inline deployment for inline network tools; all of the benefits with none of the risks



**Heartbeat** - monitors the link status of attached sensors with configurable heartbeat packets injected into the traffic stream

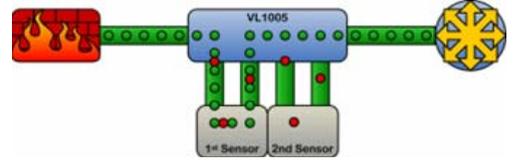


**100BASE-TX** - supports 100Mbit/s Fast Ethernet networks

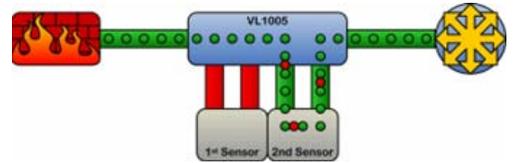


**1000BASE-T** - supports 1000Mbit/s Gigabit Ethernet networks

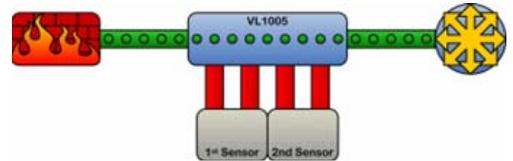
### Operation



During normal operation the VL1005 directs traffic through the 1st sensor. The link status of both sensors is continually monitored by heartbeat packets.



If link failure is detected to the 1st sensor the VL1005 will direct traffic to the second sensor.



If link failure is detected to all enabled sensors the VL1005 will enter bypass mode.

### Model Options

VL1005	V-Line 100/1000 Copper System, Two (2) sets of Monitoring Ports, 1U Enterprise Chassis, Dual Power Supplies
VL1010	V-Line Multi-mode Gigabit Fiber to Copper Gigabit System, Multi-mode Gigabit Fiber TAP, Two (2) sets of Copper Gigabit Monitoring Ports, 1U Enterprise Chassis, Dual Power Supplies (SC Fiber Connectors)
VL1015	V-Line Single Mode Gigabit Fiber to Copper Gigabit System, Single Mode Gigabit Fiber TAP, Two (2) sets of Copper Gigabit Monitoring Ports, 1U Enterprise Chassis, Dual Power Supplies (SC Fiber Connectors)

### Technical Specs

#### Operating Specs

Operating Temperature:	0°C to 58°C
Storage Temperature:	-12°C to 72°C
Relative Humidity:	10% to 95% Non condensing

#### Cable Interface

Copper cable type:	22-24 AWG UTP CAT5/CAT5E
Link distance supported:	100 Meters

#### Connectors

Network Ports:	2 x RJ45 100/1000 Pass through or 2 x SC MM/SM Fibre
Monitor Ports:	2 pairs RJ45 100/1000 V-Line™