



**Network Critical**  
The Window to your Network™

## V-Line™ TAPs Virtually Inline

The V-Line™ series of TAPS provides complete failsafe protection for an inline appliance 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.

### Integrated 1U V-Line™ Network TAP Systems



#### Models to Choose From:

1. VL1005
2. VL1010
3. VL1015

**\*\*See Order Info for more Detail.**

# V-Line™ TAPs Virtually Inline

## FEATURES

Highly Reliable Hardware Solution

Fail-Safe Technology

Passes Layer 1-7 Traffic

Link Failure Propagation

High Availability Option

Heartbeat Packets Check Appliance Status

Connect Copper Gigabit Appliances to Fiber Links

## BENEFITS

Inline appliances are stacked OS/Software solutions and can be unpredictable. V-Line™ will bypass the appliance if it should lock up or have a failure without bringing down the network.

Will not introduce a point of failure to the network. If V-Line™ or the monitoring device loses power the link remains up.

Your tools see all the data, including errors.

Along with the health of the monitoring device, V-line™ constantly monitors the network link itself. If one side of the link goes down, V-Line™ will drop link to the other allowing graceful failover to the redundant link.

Primary and redundant inline monitoring devices can be connected. If the primary fails, V-Line™ automatically fails over to the redundant device.

Heartbeat packets are injected into the packet stream and through the monitoring device. If the heartbeat packets are not detected the tool will be bypassed to keep the link up. Heartbeat packets are never seen on the network.

V-Line™ allows you to save money by purchasing less expensive copper tools to monitor your fiber links.

## ORDER INFO

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 SPECIFICATIONS

### Operating Specs:

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

### Cable Specs:

Copper Cable Type:	22-24 AWG UTP; CAT5/CAT5E
Link Distance Supported:	100 Meters

### Connectors:

Network Ports:	2xRJ45 100/1000 Pass through or 2xSC MM/SM Fiber
Monitor Ports:	2 pairs RJ45 100/1000 V-Line

### EUROPEAN HEADQUARTERS:

Network Critical Ltd  
East Throp House, 1 Paddock Road,  
Reading, Berkshire, RG4 5BY  
tel: +44 (0) 118 954 3210



### AMERICAS OFFICE:

Network Critical NA LLC  
37 Franklin Street, Suite 100  
Buffalo, NY 14202  
tel: +1-716-558-7280  
fax: +1-716-568-8280