

## CriticalConneX™ CC3100



This CC3100 represents a quantum leap in efficiency and coverage for deploying a network tool across multiple network links. It features four pairs of 10/100 network ports for inline tapping, and a gigabit monitor port that combines all the traffic into a single gigabit stream. This enables a gigabit network tool to passively monitor 4x 10/100 network links - even at maximum utilisation on all links, it won't drop a single packet.

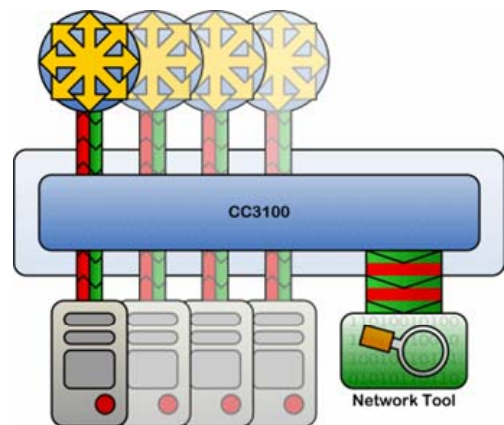
Along with dual power supplies the CC3100 features Network Critical's fail-to-safe technology, which protects your network links from failure by maintaining full-duplex pass-through capability in the event of a power outage.

The configurable Link Failure Propagation (LFP) feature monitors the live network ports. In the event that one of the connected network devices fails, then the TAP will immediately drop the other live network port in that pair. This improves the effectiveness of high availability deployments by ensuring the network design is not comprised.

By connecting only one side of each port pair to switch mirror ports or SPAN ports, it is possible to aggregate 4x 10/100 SPAN ports to a single gigabit network tool. LFP must be turned off for this type of deployment.

The CC3100 now enables you to do more with your gigabit network tool, increasing network coverage and protection and maximizing the potential of your investment.

### Deployment



In **INLINE** mode the CC3100 passively taps and aggregates the traffic from four 100Base-T full duplex network links to a single gigabit stream.

### Features



**Many-To-One** - mirrors multiple network links to a single gigabit network tool



**A+B Combi** - combines the network traffic into a single stream



**Passive** - protects the live network from receiving traffic back through the tap



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

### 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: 8 x RJ45 Configurable  
Monitor Ports: 1 x RJ45 Gigabit

Web: [www.criticaltap.com](http://www.criticaltap.com)  
Email: [sales@networkcritical.com](mailto:sales@networkcritical.com)

European HQ:

Network House, Southview Park, Caversham,  
Reading RG4 5AF United Kingdom.-  
Tel +44 (0)118 9543210 Fax +44 (0)118 954795

North American Office: 3675 Harlem Road, Buffalo, NY 14215  
Telephone 716-558-7280 Fax 716-568-8280