Secure Connections for:

- VoIP Phone
- Thin Client connections
- Network Printers
- Video Conferencing
- Wireless access points

Add LinkMap monitoring for network management and security as well as easy troubleshooting.

In today's high speed, high bandwidth work environment, the need for fiber optic networks continues to grow. Fiber offers the speed, flexibility and security that your organization needs - today and for the future.

Using small, modular components is an easy way to design and install a network. Modular designs allow you to install everything at one time or to plan with easy to budget phases.

Chameleon was designed by Engineers who understand that every network has different needs. Each component is highly configurable - allowing Fiber Connections to provide a solution that fits your needs exactly.

In Fiber to the Desk/Workstation applications, the key is flexibility. The need to add, drop and change a network is part of the normal business cycle. The design of our slide in media modules at the equipment room end and the ‘easy to install anywhere’ GatorLink design, make those changes as easy as possible. Our ability to take power over Ethernet well beyond the current 100meter limitations eliminates the time and expense required to install power at new locations.

The security of fiber optics and the convenience of power over Ethernet, over extended distances, is a powerful combination.

**Power over Ethernet**

No need to run power outlets to your remote camera locations. Locate PoE equipment more than 100 meters from your switch.

**Power Patch Panel**

Feed all your remote locations through a secured power source including back-up power in one location.

**Hybrid Interconnect Cables**

Bring fiber and power to your remote locations with 1 cable pull.

**GatorLink**

Remote media conversion in a compact, multi-port package.

**“LinkMap” Monitoring**

Secure your network with our unique network mapping software.
Sample FTTPD Network

In this network example, a portion of a potentially larger network is shown. 1 power patch panel can support 8-10, 4-port GatorLinks (depending on configurations). GatorLinks can be equipped with any combination of up to 6 total media converter and/or fiber pass-through ports.

Sample Part Numbers – For Example only

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PP4UT00-001</td>
<td>4U Power Patch Panel w/ terminal blocks</td>
</tr>
<tr>
<td>MM40A001M0B-001</td>
<td>Media Module, 4-port 10/100Mb/s, MTP, 62.5/125um MM, RJ45</td>
</tr>
<tr>
<td>PS1248300AN-001</td>
<td>Power Supply module 12/48VDC, 300W, AC in</td>
</tr>
<tr>
<td>GR40APSMM0B-002</td>
<td>GatorLink 4-port 10/100, media coverter, PoE, MTP/RJ45, MM</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>GR42APS9M0B-001</td>
<td>GatorLink 4 Port 12F OM3 MTP(m)-4 RJ45, 2 LC Duplex 10/100Mb/s, PoE, 4</td>
</tr>
<tr>
<td></td>
<td>media converter, 2 fiber pass-through</td>
</tr>
</tbody>
</table>
Chameleon System Components

**Options abound**

Available with single mode or multimode fiber – 50um, 62.5um or optimized SM

Operate at 850nm or 1300nm for MM and 1300nm or 1550nm for SM

Fiber connector options include MTP, LC, SC, ST

Add a redundant power supply for extra protection

Support PoE to extended distances – over 1100 meters

Indoor and outdoor options

**Chameleon Manager: ‘LinkMap’**

Application Software manages and monitors your entire Chameleon network

Find/map all devices

Display all active fiber and copper links

Use ‘locate’ function to verify connections

Alarm function alerts operator to signal loss and tampering – adding more network security

View device information including serial numbers, location information, properties and more

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**Technical Information**

**Standards:** IEEE 802.3i/u/ab/z; PoE IEEE 802.3af; PoE+ IEEE 802.3at

**Power Source:** 95-240VAC External power supply; 1.5 watts/media converter channel and 0-16 watts/channel passed to PoE peripherals

**Operating Temperature:** 0 to 50°C – extended version: -40 to +50°C

**Storage Temperature:** -25 to +85°C; 0- 90% non-condensing humidity

**Safety Compliance:** ANSI/UL 60950-1; Radiation: CFR FCC Part 15 Subpart B

**PoE:** 36-50VDC up to .35A PSE output, PD detection signature, over current protection, under current detection

**Indicators:** Power on LED; Fiber link/activity LED for each channel; Copper link/activity LED for each channel, PoE active