

Cost-effective expandability

Our Fibre range provides both single and dual power supplies that monitor each other's status for cooler, more reliable operation, as well as instantaneous transfer. Communications in the rack are contained in the modules, eliminating complex backbones and thereby reducing costs and improving reliability.

More than just fibre, each module is designed for future growth and new product introductions.

Taking fibre to the next level

Fibre & Transmission introduces the industry's first truly modular design for fibre transmission, extendable from standalone to rack modules. These next generation fiber optic modules are all digital, single fibre and laser-based, providing the highest quality signal performance with minimal fibre usage.

By using industry standard internal small format pluggable (SFP) transceivers, our technology stays current with changes in optical technology, making it future proof. These Fibre products are designed to accommodate the ever-increasing migration to IP systems. They can also be set to alert you to operational and transmission problems before they occur, preventing the loss of valuable information and system down time.



UTP products for cost-effective, reliable transmission

We offer twisted-pair UTP solutions from the smallest baluns to the largest applications. Our UTP solutions are designed to reduce installation costs and take the guesswork out of installation. They can also reduce installation costs by using automatic video control (AVC) that continuously monitors and adjusts signal levels. AVC eliminates the need for installations to be carried out by trained technicians using expensive test equipment.



With small-size baluns designed to fit in most camera domes and housings, our UTP solutions are equipped with surge protection to reduce the potential for equipment damage due to lightning and electrical spikes. Our products cover single channel up to 32 channels, and are the perfect solution for installations that require transmission of analog video. This eliminates the expense of pulling coax cable. Video, data and power can even be combined to help reduce costs. With a standard RJ45 adaptor, you can use existing twisted-pair cabling without the expense of rewiring.

We're just getting started.

We are committed to being your comprehensive security transmission solution provider. Our introduction of over 350 new products is just the beginning. By designing products and systems that grow with your needs, we can help you to keep pace with technology changes so that your future needs are met with reliable performance.



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IFS_Brochure

A full range of scalable and intelligent transmission solutions

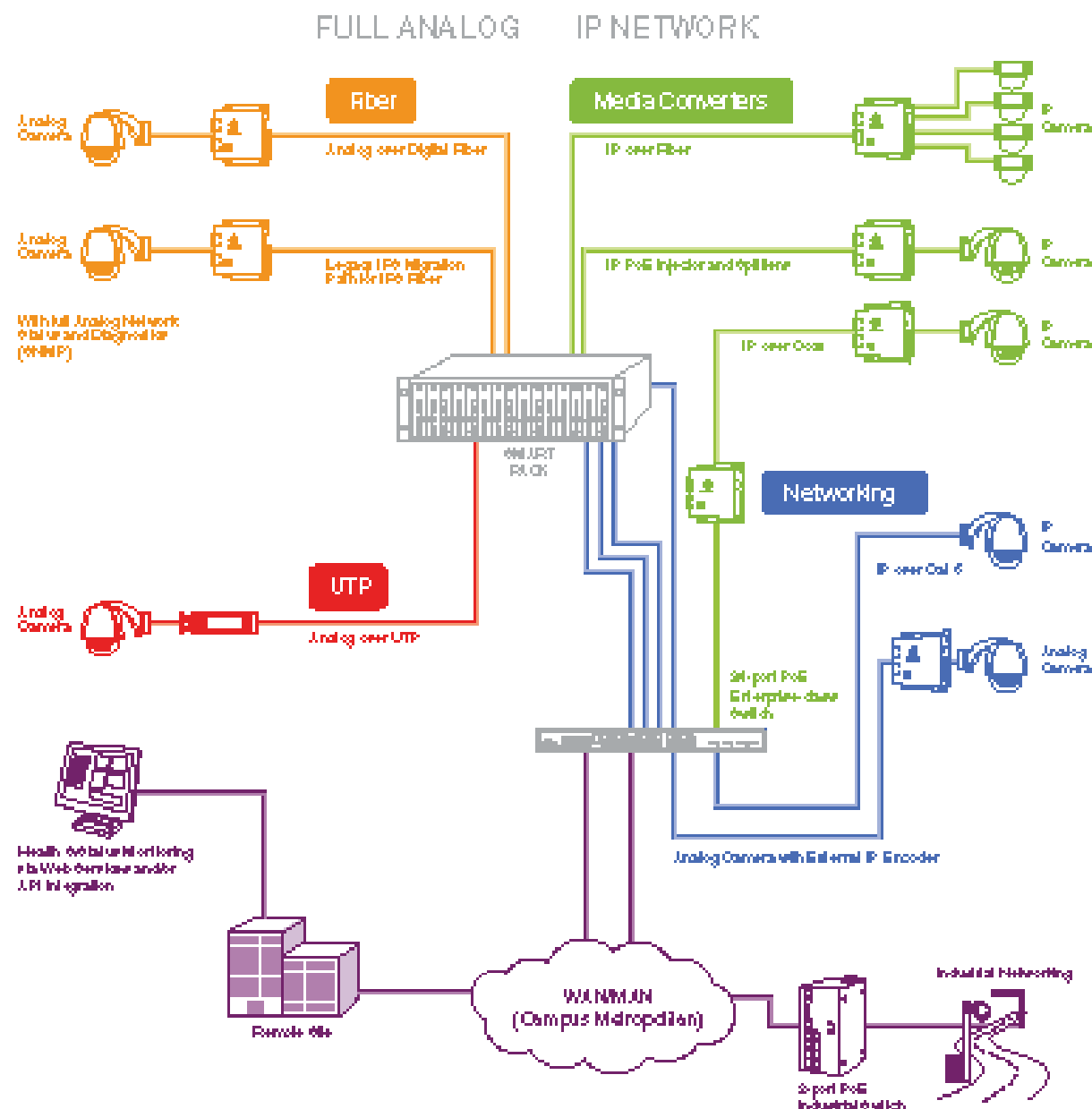


As security sector technology evolves and companies continue migrating from analog to digital systems, the need for a single source that can meet all transmission requirements is growing. Fibre & Transmission is that source. More than just product offerings, our enterprise-class transmission solutions address all of your physical transmission needs.

Our unique approach, including the use of existing cabling infrastructure, saves valuable installation time and costs and assures your system can grow as your needs change.

One platform, unlimited possibilities

With Fibre & Transmission you have access to the full range of solutions from analogue to digital. This hybrid offering provides you with a seamless migration path to leading technology. The introduction of our new product categories - Fibre, Media Converters, Network Switches and UTP - means new and existing installations can benefit from them as your one-source transmission solutions provider.



Optimising networks with media converters for better performance

With coax cable still the primary means of video security transmission, the transition to IP may incur additional costs of installing twisted pair cable. The “MCE-Coax” Ethernet to coax converters help you effectively upgrade legacy devices to new IP-based digital devices.

Converting between UTP and co-axial, this technology offers the fastest data transmission over existing coaxial cable without having to rewire. These Ethernet to coax converters not only let you transmit IP Ethernet over coax, but also extend its transmission range by over five times while saving on wiring costs.

Given fiber’s wide bandwidth capability, using it to transmit only one Ethernet connection doesn’t take full advantage of this technology. Our Ethernet to fiber converters offer multiple Ethernet connections to either single-mode or multi-mode fiber. In addition, the media converters offer dual power supply input as well as DIN rail operation, all housed in rugged metal casings.



Accessories for every application

The Fibre & Transmission network products range represents more than just switches. We provide a complete line of PoE injectors and splitters with the ability to power all types of IP cameras and devices. You can count on PoE solutions to meet all your application needs at a corresponding price level.

Network products designed to meet the demands of modern environments



The Fibre & Transmission network switches continue our long-standing reputation for designing easy to use user interfaces. Not only facilitating setup, our user interface also provides connection, PoE and cable diagnostics.

The network switches are designed for the demands of large-file, high-speed video applications. Going beyond layer 2, these layer 2+ switches include both IGMP snooping and query capability for complete multicasting operation to reduce network bandwidth demands. Three different types of ring topologies recover signals in less than 20 ms for up to 60 nodes.

Command and control when and where you need it

Web Services enable users to effectively manage the maintenance and health of their transmission products via the Internet, including switch management, configurations, and firmware upgrades. Through an intuitive user-friendly interface status and PoE power can be monitored to ensure convenient and efficient performance. Working with us provides access to tangible benefits:

- An easy and effective integration path for enterprise software
- Stacking ability provides you with flexible and scalable options for your IP network

