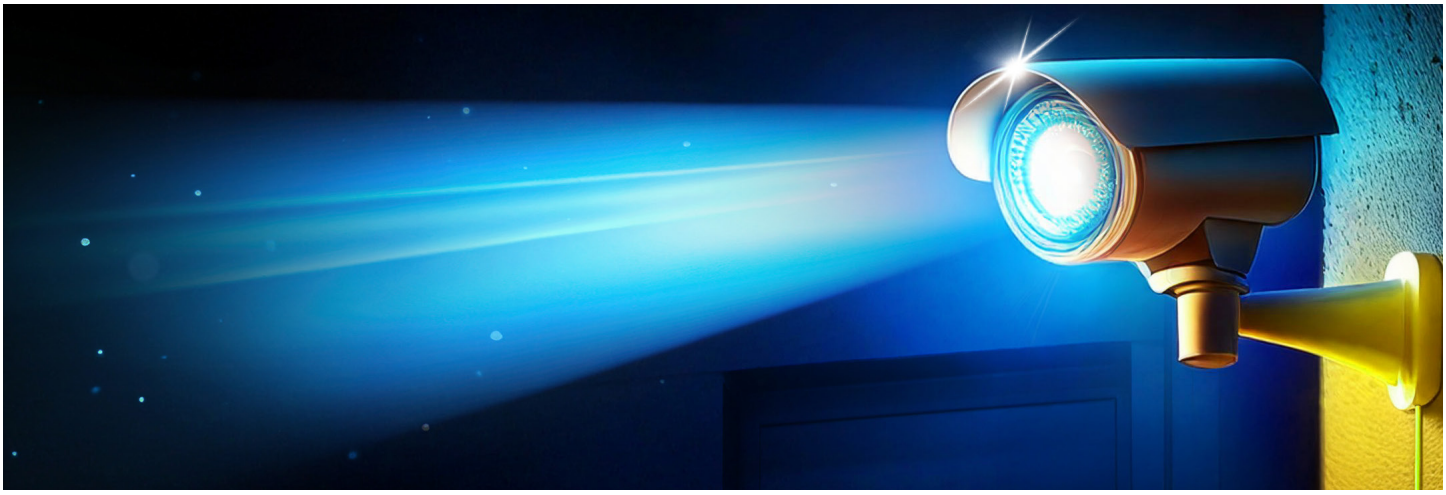
CORNING

Every camera requires bandwidth and power

Robust, future-ready connections over 2,000 feet



FiberVision™: Bandwidth and Power Where You Need It

The quickly evolving landscape of IoT, sensors, AI, and machine learning models are propelling a significant shift in surveillance and monitoring systems, turning data into insights far beyond traditional expectations. This transformation into smart systems equipped with sensors marks a new era wherein IT plays a vital role in managing and maximizing their potential across diverse applications.

Visually intelligent, AI-integrated cameras are leading the way, promising a holistic approach to data-driven insights and operational continuity. But these cameras, with added sensors and intelligence, require high bandwidth and power over extended distances. Corning Long-Reach Solutions offer unlimited bandwidth and power over 2,000 feet for a robust infrastructure that supports the camera's advanced capabilities.

The Evolution of the Security Camera

AI & Visually Intelligent Cameras

- License plate recognition
- Facial recognition
- Traffic/crowd monitoring
- Behavior analysis

- Object detection and classification
- Defect detection and quality control
- Alerts and notifications
- High-resolution imaging
- Motion tracking
- Environmental awareness

- Remote monitoring and management
- Machine vision
- Advanced manufacturing
- Integration with other systems

Corning's FiberVision™ Solution goes the distance for remote applications

Eco-friendly, cost-effective connectivity all the way to the edge.

Space and Energy Saving

- Extend connectivity over 2,000 ft
- Reduce IT closets and overall power consumption
- Fewer cable runs

Solution Innovation and Technology

- All-in-one fiber media converter
- Built-in intelligence for enhanced troubleshooting and monitoring
- Fewer materials, more sustainable, lower carbon footprint

Compatibility and Adaptability

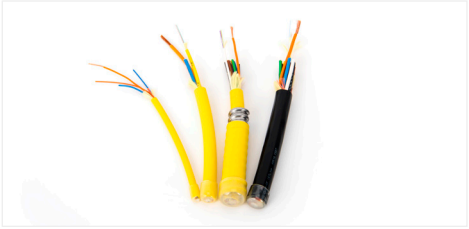
- Broad compatibility with diverse voltage applications
- Flexible installation in a variety of environments
- Scalable architecture grows with business demands

Simplicity and Ease of Use

- No new electrical power cable installations or mid-span equipment needed
- No licensed electrician required
- Works with existing copper or fiber switches
- No complex trenching or power setups in challenging locations

10G HPoE media converter
enables future flexibility

- Supports 90W PoE++ and backward compatibility with PoE standards (802.3AF/AT/BT)
- 10G speeds, compatible with 1G/2.5G, and interoperable with existing copper or fiber switches
- 1 or 10G Auto Negotiation SFP+ port, Link Status Detection, and Watchdog Features to auto-reset devices



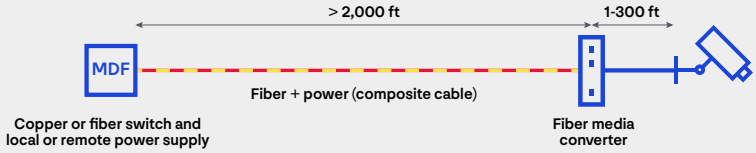
ActiFi® hybrid cable
exceeds traditional distance limitations

- Combines copper and fiber in one jacket
- CL3 (300V) rated cable, compatible with both NEC 725 Class 2 low voltage and 300V bulk power solutions
- Indoor, Indoor/Outdoor, Armored
- 2-24 SM fibers, 1-12 copper conductors, 12-20 AWG

Corning Intelligent Power (CIP)
centrally powers edge devices

- Delivers high-density, low-voltage power (Class 2, 56 VDC, 95W)
- Comes in 1- and 16-port configurations to optimize space
- Units can be aggregated for increased power (up to 700W) and redundancy at the edge
- Includes step-down converters for 56V and 24V loads

More
bandwidth, power, distance



Learn more at www.corning.com/fibervision

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