

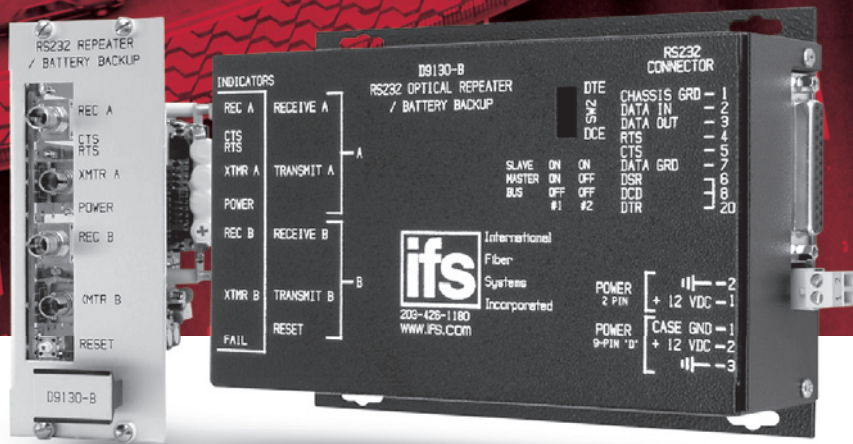
Leading the way

Comprehensive transmission solutions for modern Intelligent Transportation Systems





Your ITS solutions partner for the road ahead



With over 30 years' experience developing and implementing advanced fiber and network technology, IFS® delivers leading transmission solutions for optimal video and traffic signalization for ITS applications.

Modern ITS technology, including traffic signalization networks, variable message signs (VMS), toll collection, license plate detection and video surveillance, is designed to improve traffic management and transportation safety. Effectively deploying this technology demands a reliable, robust transmission infrastructure for communication to the central traffic management center.

Built in the U.S., deployed around the world

IFS fiber-optic equipment is engineered and manufactured in our facility in Lincolnton, North Carolina, and has the full support and resources of UTC, a leading technology company known globally for innovation. IFS fiber-optic transmission products support thousands of traffic systems around the world from Boston to Milan to Shanghai. Backed by extensive technical support, dedicated customer service and a Comprehensive Lifetime Warranty, IFS fiber solutions deliver proven performance for modern Intelligent Transportation Systems.



Hardened design to handle challenging environments

Designed specifically to withstand the harshest roadside conditions, IFS network solutions for ITS applications deliver exceptional performance.

IFS industrial-grade network products are designed and tested to operate in a wide temperature range of $-40^{\circ}\text{C} \sim 75^{\circ}\text{C}$. Backed by a three-year warranty, these products operate within DOT specifications for temperature, humidity, shock, vibration and voltage transient protection. IFS managed network switches can be remotely programmed, managed and updated via a simple, yet powerful, network Web interface, thus reducing service calls and lowering maintenance costs.



Full support from end to end

Helping ensure a project gets started right, IFS engineers can provide help with design specifications so that the ideal components are identified for each application. For exceptional technical support after deployment, IFS's dedicated Technical Support team can provide expedient, expert service that's unmatched in the industry.

Flexible and reliable transmission for any Intelligent Transportation application

IFS® offers a wide range of transmitters and receivers featuring in-field configuration flexibility, designed specifically for ITS applications. A comprehensive portfolio of IFS fiber, network switches, media converters and UTP products offers robust performance and complete flexibility to meet all your current and future transmission needs.



NETWORK SWITCHES



IFS switch technology meets the demands of modern network environments. A full line of network switches delivers powerful performance with high bandwidth, isolated PoE ports and integrated SFP fiber ports with key features accessible through a browser-based interface.

IP CAMERAS



Helping support safe and effective traffic management, Interlogix™ IP66 network cameras are designed for durable performance in outdoor conditions and work seamlessly with IFS to deliver detailed, high-resolution images anytime, anywhere.



MEDIA CONVERTERS



Whether migrating from an analog to an IP-based system or extending Ethernet beyond 100 meters, IFS media converters offer a simple, cost-effective solution. By eliminating the time and expense of pulling new cable, IFS media converters leverage the investment in existing coax, twisted-pair or fiber-optic cabling.

FIBER



IFS fiber products represent the latest advancements in fiber-optic technology. An extensive selection of analog and digital fiber-optic transmission options provides some of the industry's most innovative solutions for fiber transmission.



Innovative solutions for effective, efficient, industrial media transmission.



Network Switches

Engineered with high bandwidth and non-blocking switch fabric, IFS® network switches are designed to accommodate a variety of application requirements.

Unmanaged Switches

NS2051-4P/1T

5-Port Fast Ethernet w/4-PoE Industrial Unmanaged Switch

GE-DSGH-5

5-Port 10/100/1000Mbps Industrial Unmanaged Switch

GE-DSGH-8

8-Port 10/100/1000Mbps Industrial Unmanaged Switch

Managed Switches

NS3550-8T-2S

8-Port 10/100/1000Mbps + 2 100/1000X SFP Industrial Managed Switch

NS3552-8P-2S

8-Port 10/100/1000Mbps + 2 100/1000X SFP Industrial PoE+ (30w) Managed Switch

NS3550-2T-8S

8-Port Fiber 100/1000X SFP + 2 10/100/1000Mbps Industrial Managed Switch



Media Converters

Reliable and cost-effective, IFS media converters provide an easy migration path from analog to IP transmission.

Ethernet over Telephone Wire

MCR200-1T-1TW

Fast Ethernet to Telephone Wire (POTS) Media Converter

MC250-4T/1CXT

4-Port Fast Ethernet to 1-Port Coax/UTP Industrial Media Converter

Ethernet over Coax

MC252-1T-1CXP and MC252-1P-1CX

Power over Coax (PoC) Media Converters - PoE-at (30w)

MC251-4P/1CXT

4-Port Fast Ethernet/PoE-af to 1-Port Coax/UTP Industrial Media Converter

Ethernet over Fiber

MC355-1T/1S

Gigabit Ethernet to SFP Industrial Managed Media Converter

MC350-4T-2S

4-Port Gigabit Ethernet to 2-SFP Industrial Media Converter

MC352-1P/1S

Gigabit Ethernet to SFP Industrial Media Converter with PoE-at (30w)

MC352-4P-2S

4-Port Gigabit Ethernet to 2-SFP Industrial Media Converter with PoE-at (30w)



Fiber-Optic

Representing advanced fiber-optic technology, IFS solutions cover a wide range of requirements and deliver optimal performance.

RS-232/422 Drop and Repeat Data Transceivers

D9130

Data Repeater

Self-Healing Ring/Full Duplex Data Transceivers

D19130SHR

Data Transceiver

RS-232/422 Point-to-Point Line Terminating Data Transceivers

D9130E

Data Transceiver

D9130EWDMA

Data Transceiver

D9130EWDMB

Data Transceiver

FM Video Transmitter and Receiver

VT4030

FM Video Transmitter

VR4030

FM Video Receiver

FM Video + Data Transmitter and Receiver

VT4930WDM

Video Transmitter/Data Transceiver

VR4930WDM

Video Receiver/Data Transceiver



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Complete ITS solutions from IFS® are developed by Interlogix,™ a leading provider of security and life safety solutions including advanced video, recording and wireless transmission technology. Through an ongoing commitment to secure and protect people, property and assets, Interlogix continues to develop innovative and reliable products that meet the demands of the modern world.

interlogix.com/ifs



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