VOSCOM



12G / 3G-SDI Fiber Extender
Video, Audio over Fiber
VGA / DVI / HDMI over Fiber
Industrial Ethernet Switches
Dry / Contact Closure over Fiber

Fiber Optic Systems Selection Guide



WHO WE ARE

Founded in 2009 and headquartered in Hangzhou, China, VOSCOM has grown into a trusted global provider of fiber optic transmission solutions, serving customers in over 80 countries. With a focus on engineering excellence and practical innovation, we design, manufacture, and deliver reliable systems that power fiber optic connectivity in broadcast studios & OB vans, professional audio-visual (Pro AV), Security Surveillance, industrial control, and enterprise environments.

WHAT WE DO

We specialize in designing and manufacturing fiber optic transmission systems for global markets. Our product portfolio includes:

- 1) 12G-SDI /3G-SDI Fiber Extenders for broadcast studios & OB vans
- 2) Pro Audio over Fiber Converters for professional audio-visual (Pro AV)
- 3) Industrial Ethernet Switches for IP surveillance and data Communication
- 4) VGA, DVI, HDMI Fiber Extenders for HD display
- 5) Analog video, data, contact closure, Ethernet, etc.

WHY CHOOSE US

1. Advanced R&D & Flexible Customization

Our fiber optic solutions support 12G-SDI, 3G-SDI, analog video, audio, data, Ethernet, etc. Modular designs allow for easy customization to meet unique project requirements.

- 2. Global Logistics Efficiency:
- 5-7 days lead time for standard orders
- 3. Trusted Sales Network:

We leverage a flexible sales framework through the global network of distributors, resellers, agents, and OEM/ODM partners.

4. Reliable Service & Quality Assurance

Technical Support: engineers for pre-sales consulting, troubleshooting, and remote diagnostics.

Compliance: ISO 9001, CE, FCC, and RoHS certified.

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12G / 3G-SDI over Fiber

VOSCOM's 12G-SDI / 3G-SDI Fiber Optic Extender provides for the digital transmission of fully uncompressed 12G-SDI, 6G-SDI, 3G-SDI & HD-SDI over fiber. support 4K UHD, 1080p video, use our 4-Channel 12G-SDI even can support 8K Video.

12G-SDI Fiber Optic Extender is an excellent choice for transporting SMPTE 2082 (12G-SDI), SMPTE 2081(6G-SDI), SMPTE 424M (3G-SDI), SMPTE 292M (HD-SDI), SMPTE 259M (SD-SDI), DVB-ASI compliant video signals over long or short distances with one fiber. In addition, the system also support Balanced or Unbalanced audio, RS422 / RS485 / RS232 serial data, Loopback output, Contact Closure and IP Ethernet transmission.

Also can customize GENLOCK, Time Code, Return Analog Video, Return 12G/3G-SDI, Remote Control, Intercom (HEADSET), Balanced Audio with XLR connector, Tally, etc.

Features

- Available in 12G-SDI and 3G-SDI Versions.
- 1~16 x Camera Feeds & 8x SDI Return Channels
- Tri-Level or Bi-Level Genlock Output
- 8x Mic Level Inputs / outputs with Phantom Power
- 8x Line Level Analog Audio Inputs / outputs
- 8x Digital Audio AES/EBU Inputs / outputs
- 1~4 x RS-232/422/485 Serial Data Channels
- 1~4 x Contact Closure for Tally
- 1~4 x Gigabit Ethernet LAN Extensions

Applications

- Truck to Control Room Links
- Control Room to Studio Links
- Outside Broadcast "B-Unit" Interconnects
- Live Music & Entertainment
- Live Cinematic Multi-cam
- Live Sports Broadcast
- ENG, EFP
- High-Definition Video Surveillance
- High-Definition Pro Audio Visual



12G-SDI with Remote & Tally V-mount



Duplex 12G-SDI



3G-SDI + Data + Ethernet



4-Channel 12G-SDI



16-Channel 12G-SDI 19inch 1U



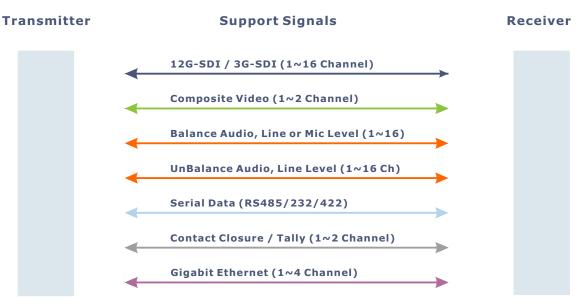
8 x 3G-SDI + 2 x Balanced Audio + 2 x Gigabit Ethernet

Customized Support

VOSCOM 12G/3G-SDI Fiber Optic Converters offer customized solutions, with multiple functions, interfaces, and sizes for customers to choose from. Particularly in the broadcast and television industry, different cameras have distinct requirements for the functions, interfaces, and sizes of fiber optic converters. Our products adopt a modular design, which enables us to meet customers' diverse needs quickly and conveniently.

You can freely configure according to the functions, interfaces, and sizes below, and then contact us.

Multiple Functions:



Multiple Interfaces:

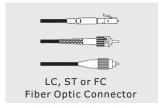
















Multiple sizes:









Ordering Information

Part Number	Description							
VOS-4K6S	1-Channel Bi-Directional 12G-SDI + Intercom + Time Code + Remote + Tally + Gigabit Ethernet, SMPTE 304M Hybrid Cable, V-mount							
VOS-4K5S	1-Channel Bi-Direcitonal 12G-SDI with Remote & Tally up to 10km, ODC Fiber Connector, V-mount							
VOS-12G-T/R-MINI	Mini Type, 1-Channel 12G-SDI Fiber Optic Extender							
VOS-1H12G-T/R	1-Channel 12G-SDI Fiber Optic Extender with SFP optical module							
VOS-1DH12G-T/R	1-Channel Bi-Directional 12G-SDI Fiber Optic Extender, with SFP optical module							
VOS-3G-T/R-Mini	Mini Type, 1-Channel 3G-SDI Fiber Optic Extender							
VOS-1H3G-T/R	1-Channel 3G-SDI to Fiber Converter with SFP optical module							
VOS-2H3G-T/R	2-Channel 3G-SDI over Fiber							
VOS-4H3G-T/R	4-Channel 3G-SDI over Fiber							
VOS-8H3G-T/R	8-Channel 3G-SDI over Fiber							
VOS-16H3G-T/R	16-Channel 3G-SDI over Fiber							
VOS-1H3G-DET/R	1-Channel 3G-SDI + 1 Duplex Data + IP Ethernet							
VOS-1H3G-ADCET/R	1-Ch 3G-SDI + 2 Duplex Audio + 1 Duplex Data + Contact Closure + 100M Ethernet							
VOS-1H3GR1-ADCET/R	1-Ch 3G-SDI + 1 Return 3G-SDI + 2 Duplex Unbalanced Audio + 1 Duplex Data + 1 Duplex Contact Closure + Gigabit Ethernet							
VOS-2H3GR1-ADCET/R	2-Ch 3G-SDI + 1 Return 3G-SDI + 2 Duplex Unbalanced Audio + 1 Duplex Data + 1 Duplex Contact Closure + Gigabit Ethernet							
VOS-1H3G-BLADCET/R	1-Channel 3G-SDI + 2 Duplex Balanced Audio (XLR) + 1 Duplex Data + 1 Duplex Contact Closure + Gigabit Ethernet							
VOS-2H3GR1-BLADCET/R	2-Ch 3G-SDI + 1 Return 3G-SDI + 2 Duplex Balanced Audio (XLR) + 1 Duplex Data + 1 Duplex Contact Closure + Gigabit Ethernet							
VOS-4H3G-BLA2ET/R	4-Channel 3G-SDI + 2 Duplex Balanced Audio (XLR) + 2 x Gigabit Ethernet							
VOS-8H3G-BLA2ET/R	8-Channel 3G-SDI + 2 Duplex Balanced Audio (XLR) + 2 x Gigabit Ethernet							

Details link: https://www.voscom.com/sdi-fiber-optic-extender/

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Audio over Fiber

VOSCOM's Audio over Fiber Converter / Extender support $1\sim8$ Channel broadcast quality audio over one multi-mode or single-mode optical fiber. The audio over fiber extender ensures high quality signals with no interference, they are typically used in applications for Rental, Staging, Theater, Stadiums, Theme Parks, Broadcast/Studio, Audio Visual systems, Public Address Systems and Professional AV applications, etc.

The Audio over Fiber Converter support Analog or Digital audio, Balanced or Unbalanced Audio, Line level or Micro Level. and the audio connectors support terminal block, RCA, 3.5mm TRS jack, XLR and XLR-COMBO. These versatile options empower customers to select the ideal setup for their specific requirements, whether for professional audio systems, home entertainment, or on-the-go applications. The wide range of supported connectors and signal levels ensures seamless integration into diverse audio environments—from studio-grade recording setups to casual multimedia setups—making the converter a flexible choice for any audio transmission need.

Features

- Analog Audio or Digital Audio
- Balanced or Unbalanced Audio
- Line Level or Microphone Level
- 8x Mic Level Inputs / outputs with Phantom Power
- 8x Line Level Analog Audio Inputs / outputs
- 8x Digital Audio AES/EBU Inputs / outputs
- Terminal Block, RCA, 3.5mm TRS Jack
- XLR Connector for Line Level Balanced Audio
- XLR-COMBO Connector for Mic Level Audio

Applications

- Broadcast / Studio
- Audio Visual systems
- Public Address Systems
- Live Music & Entertainment
- Live Cinematic Multi-cam
- Live Sports Broadcast
- ENG, EFP
- High-Definition Video Surveillance
- High-Definition Pro Audio Visual



Balanced Audio over Fiber
Mic Level



Balanced Audio over Fiber Line Level



AES/EBU over Fiber



Unbalanced Audio over Fiber Terminal Block



Unbalanced Audio over Fiber RCA Connector



Stereo Audio over Fiber 3.5mm Jack



Audio over Fiber

Ordering Information

Part Number	Description						
VOS-0100FT/R	1-Channel Simplex Analog Audio, Terminal Block Connector						
VOS-0200FT/R	2-Channel Simplex Analog Audio, Terminal Block Connector						
VOS-0400FT/R	4-Channel Simplex Analog Audio, Terminal Block Connector						
VOS-0800FT/R	8-Channel Simplex Analog Audio, Terminal Block Connector						
VOS-0100DT/R	1-Channel Duplex Analog Audio, Terminal Block Connector						
VOS-0200DT/R	2-Channel Duplex Analog Audio, Terminal Block Connector						
VOS-0400DT/R	4-Channel Duplex Analog Audio, Terminal Block Connector						
VOS-1TRS35-FT/R	1-Channel Simplex Analog Stereo Audio, 3.5mm TRS Jack						
VOS-1TRS35-DT/R	1-Channel Duplex Analog Stereo Audio, 3.5mm TRS Jack						
VOS-2RCA-FT/R	2-Channel Simplex Analog Audio (1-Channel Stereo), RCA Connector						
VOS-2RCA-DT/R	2-Channel Duplex Analog Audio (1-Ch Duplex Stereo), RCA Connector						
VOS-2XLR-FT/R	2-Channel Simplex Analog Balanced Audio, XLR Connector, Line Level						
VOS-2XLR-DT/R	2-Channel Duplex Analog Balanced Audio, XLR Connector, Line Level						
VOS-4XLR-FT/R	4-Channel Simplex Analog Balanced Audio, XLR Connector, Line Level						
VOS-4XLR-DT/R	4-Channel Duplex Analog Balanced Audio, XLR Connector, Line Level						
VOS-8XLR-FT/R	8-Channel Simplex Analog Balanced Audio, XLR Connector, Line Level						
VOS-2XLRC-DT/R	2-Channel Duplex Analog Balanced Audio, XLR-COMBO Connector, Microphone Level						
VOS-4XLRC-FT/R	4-Channel Simplex Analog Balanced Audio, XLR-COMBO Connector, Microphone Level						
VOS-2AES-DT/R	2-Channel Duplex Digital AES/EBU Balanced Audio, XLR Connector						
VOS-4AES-FT/R	4-Channel Simplex Digital AES/EBU Balanced Audio, XLR Connector						

Details link: https://www.voscom.com/audio-over-fiber/

VGA, DVI, HDMI over Fiber

VOSCOM's VGA, DVI, HDMI Fiber Extender and Fiber Converter are the perfect choice for both large and small Pro Audio Visual installations. Featuring computer and HDTV video resolutions up to 4K. We've got everything you need to extend any digital or analog video signal over fiber with exceptional quality using our plug-and-play solutions.

VGA, DVI, HDMI Fiber Optic Extender System is a flexible professional solution for long distance transmission of high resolution video signals through single fiber optic cable, also support stereo audio, RS485 & RS232 data, Loopback output, USB & IP Ethernet. fiber optic extenders ensures high quality signals with no interference, applications include specialized Media Display, Security Systems, Industrial Monitoring, Airport / Airplane / Metro / Railway and large-scale conference stadiums, where long distance transmission of computer video signals are necessary.

Features

- HDMI over Fiber, up to 4K@60Hz
- HDMI with Audio, Rs232 & USB over Fiber
- DVI over Fiber extedner, up to 4K@30Hz
- VGA over Fiber extender
- (KVM) VGA over Fiber with Audio, Rs232 & USB
- HDMI 2.0, 4K UHD, 4096×2160
- Support HDCP
- Support EDID
- Mini type, stand-alone or rack-mount

Applications

- MRI / Medical Remote Image Display
- Entertainment / Casino / Local Event Displays
- Airport / Airplane / Metro / Railway Monitoring / Displays
- Radar Study / Weather / Space Systems
- Advertisement / Media Display
- Entertainment / Casino / Local Event Displays
- Live Music & Entertainment
- High-Definition Video Surveillance
- High-Definition Pro Audio Visual



Mini HDMI over Fiber Extender



HDMI with Rs232 over Fiber



HDMI with Audio, Rs232 & USB KVM Fiber Extender



Mini DVI over Fiber Extender



DVI with Rs232 over Fiber



VGA with Audio, Rs232 & USB KVM Fiber Extender



VGA, DVI, HDMI over Fiber

Ordering Information

Part Number	Description
VOS-HDMI-T/R-Mini	Mini HDMI over Fiber Extender, 4K@60Hz (4:2:0), HDMI 2.0
VOS-1HDMI-DT/R	1-Channel HDMI + 1 Duplex RS232 Data, 4K@30Hz (4:4:4), HDMI 1.4
VOS-1HDMI-ADT/R	1-Channel HDMI + 1 Duplex Stereo Audio + 1 Duplex Data, 4K@60Hz (4:4:4), HDMI 2.0
VOS-1HDMI-ADUT/R	1-Ch HDMI + 1 Duplex Audio + 1 Duplex Data + USB for KVM, 4K@60Hz (4:4:4), HDMI 2.
VOS-DVI-T/R-Mini	Mini DVI over Fiber Extender, 4K@30Hz
VOS-1DVI-DT/R	1-Channel DVI + 1 Duplex RS232 Data, 4K@30Hz
VOS-1VGA-ADT/R	1-Channel VGA + 1 Duplex Stereo Audio + 1 Duplex Data, 1080p
VOS-1VGA-ADUT/R	1-Channel VGA + 1 Duplex Stereo Audio + 1 Duplex Data + USB for KVM, 1080p

Details link: https://www.voscom.com/vga-dvi-hdmi-fiber-extender/

Industrial Ethernet Switches

VOSCOM Industrial Ethernet switches seamlessly combines plug-and-play simplicity (unmanaged) or advanced configurability (managed) with Power over Ethernet (POE) technology and fiber optic connectivity. the industrial ethernet swithes are geared to demanding applications in harsh industrial environments, essential for building a safe, reliable, and easy to manage industrial Ethernet network.

Customers can select the corresponding devices according to different application scenarios, including unmanaged switches, managed switches, PoE ethernet switches, or our L2/L3 core switch series. Ideal for expanding networks in security systems, IP cameras, wireless access points, and IoT devices.

Features

- Dual Operation Modes: Choose between unmanaged (plug-and-play) or managed (VLAN/QoS/configurable)
- POE+ Support: Delivers up to 30W per port (IEEE 802.3at) for powering POE devices
- Fiber Optic Connectivity: Built-in SFP ports for long-distance, high-speed fiber connections
- Gigabit Performance: 10/100/1000Mbps auto-sensing ports for fast data transfer
- Wide Temperature Range: -40°C to 85°C operating temperature for harsh environments
- DIN Rail/Wall Mountable: Flexible installation options for industrial and commercial use



Unmanaged Industrial Converter 1 x 10/100/1000BASE-T, 1 x 1000BASE-X Gigabit / SFP



Managed Industrial Switch 4 x 10/100/1000BASE-T, 2 x 1000BASE-X Gigabit / SFP



Unanaged DIN-Rail **PoE** Switch 4 x 10/100/1000BASE-T **PoE** 2 x 1000BASE-X Gigabit SFP



Managed DIN-Rail **PoE** Switch 8 x 10/100/1000BASE-T **PoE** 4 x 1000BASE-X Gigabit SFP



Layer 2 Managed Switch 20 x 1000BASE-X SFP 4 x 1000Base TX/FX Combo 4 x 10G Fiber Port SFP+



Layer 3 Managed Switch $48 \times 100/1000 \text{BASE-T}$ Ethernet $6 \times 1000/10000 \text{Base}$ FX SFP

Ordering Information

Part Number	Description							
Unmanaged DIN-Rail Industrial Ethernet Switch Series								
VOS-IR-1GE1GF	Unmanaged DIN-Rail Industrial Media Converter, $1 \times 10/100/1000$ BASE-T, 1×1000 BASE-X Gigabit / SFP							
VOS-IR-2GE1GF	Unmanaged DIN-Rail Industrial Ethernet Switch, 2 x 10/100/1000BASE-T, 1 x 1000BASE-X Gigabit / SFP							
VOS-IR-4GE1GF	Unmanaged DIN-Rail Industrial Ethernet Switch, 4 x 10/100/1000BASE-T, 1 x 1000BASE-X Gigabit / SFP							
VOS-IRP-4GE2GF-SFP	Unmanaged DIN-Rail Industrial PoE Ethernet Switch 4 x 10/100/1000BASE-T PoE , 2 x 1000BASE-X Gigabit SFP							
VOS-IRP-8GE2GF-SFP	Unmanaged DIN-Rail Industrial PoE Ethernet Switch 8 x 10/100/1000BASE-T PoE , 2 x 1000BASE-X Gigabit SFP							
Managed DIN-Rail Industr	ial Ethernet Switch Series							
VOS-MIR-4GE2G-SFP	Managed DIN-Rail Industrial Ethernet Switch 4 x 10/100/1000BASE-T, 2 x 1000BASE-X Gigabit SFP							
VOS-MIR-8GE4GF-SFP	Managed DIN-Rail Industrial Ethernet Switch 8 x 10/100/1000BASE-T, 4 x 1000BASE-X Gigabit / SFP							
VOS-MIRP-4GE2GF-SFP	Managed DIN-Rail Industrial PoE Ethernet Switch 4 x 10/100/1000BASE-T PoE , 2 x 1000BASE-X Gigabit SFP							
VOS-MIRP-8GE4GF-SFP	Managed DIN-Rail Industrial PoE Ethernet Switch 8 x 10/100/1000BASE-T PoE , 4 x 1000BASE-X Gigabit SFP							
L2/L3 Core Ethernet / Optical Switches Series								
VOS-MIR-8GE8GF-SFP	Layer 2 Managed DIN-Rail Industrial Ethernet Switch 8 x 10/100/1000BASE-T, 8 x 1000BASE-X Gigabit / SFP							
VOS-MLR-28G	Layer 2 Managed Optical Ethernet Switch 20 x 1000BASE-X SFP + 4 x 1000Base TX/FX Combo + 4 x 10G Fiber Port SFP+							
VOS-MLR-24EG4XG	Layer 2 Managed Optical Ethernet Switch 24 x 100/1000BASE-T Ethernet + 4 x 1000/10000Base FX SFP							
VOS-MLR-24G4XG	Layer 3 Managed Optical Ethernet Switch 24 x 1000BASE-X Gigabit SFP + 4 x 1000/10000Base FX SFP port							
VOS-MLR-48EG6XG	Layer 3 Managed Optical Ethernet Switch 48 x 100/1000BASE-T Ethernet + 6 x 1000/10000Base FX SFP							
VOS-MLR-48G2Q4C Layer 3 Managed Optical Ethernet Switch 48 x 1000/10000Base SFP + 2 x 40G QSFP+ 4 x 100G QSFP+								

Details link: https://www.voscom.com/ethernet-switch/

Contact Closure over Fiber

VOSCOM Dry Contact Closure over Fiber converter series support 1~8 Channels simplex or duplex contact closure over one multi-mode or single-mode optical fiber. The Dry contact over fiber extenders are typically used in applications with Access Control System, Alarm Event Triggering, Building Automation and Environmental Control Systems, Fire & Alarm Systems, PIR signal Transmission, Traffic Signal Control Equipment, etc.

All Dry Contact over fiber converters are available for stand-alone or rack-mount installations. FC or ST optical connectors is standard. Plug and Play design ensures adjustment-free installation and operation, and optical adjustments are never required. LED indicators are provided to instantly monitor the system operating status.

Features

- 1~8 channels Contact Closure over Fiber
- Simplex or Duplex
- Normally open or Normally Closed
- Pluggable terminal blocks
- Multi-mode Fiber Support for Distances up to 500m
- Single-Mode Fiber Support for Distances up to 60 km
- LED Status Provide Rapid Indication of Operating Parameters
- No EMI or RFI and no ground loops
- Stand alone or rack-mount

Applications

- Fire & Alarm Systems
- Alarm Event Triggering
- PIR signal Transmission
- Traffic Signal Control
- Access Control System
- Building Automation
- Environmental Control Systems



1-Channel Simplex Contact Closure over Fiber



2-Channel Simplex Contact Closure over Fiber



4-Channel Simplex Contact Closure over Fiber



8-Channel Simplex Contact Closure over Fiber



4-Channel Duplex Contact Closure over Fiber



8-Channel Duplex Contact Closure over Fiber



Contact Closure over Fiber

Ordering Information

Ordering Information	
Part Number	Description
VOS-1FOM-SCCT/R	1-Channel Simplex Contact Closure over Fiber, Terminal Block Connector
VOS-2FOM-SCCT/R	2-Channel Simplex Contact Closure over Fiber, Terminal Block Connector
VOS-4FOM-SCCT/R	4-Channel Simplex Contact Closure over Fiber, Terminal Block Connector
VOS-8FOM-SCCT/R	8-Channel Simplex Contact Closure over Fiber, Terminal Block Connector
VOS-1FOM-DCCT/R	1-Channel Duplex Contact Closure over Fiber, Terminal Block Connector
VOS-2FOM-DCCT/R	2-Channel Duplex Contact Closure over Fiber, Terminal Block Connector
VOS-4FOM-DCCT/R	4-Channel Duplex Contact Closure over Fiber, Terminal Block Connector
VOS-8FOM-DCCT/R	8-Channel Duplex Contact Closure over Fiber, Terminal Block Connector

Details link: https://www.voscom.com/dry-contact-over-fiber/

Analog Video over Fiber

VOSCOM Video over Fiber Converter / Extender for CCTV Cameras Series support 1~16 Channels 8-bit digitally encoded broadcast quality video, data and 10M/100M IP Ehternet over one multi-mode fiber optic cable or single-mode fiber optic cable. The modules are directly compatible with NTSC, PAL, and SECAM camera systems and support RS-485, RS-232, and RS-422 data protocols. These fiber optic converters / extenders are typically used in applications with PTZ cameras for security surveillance, CCTV, ITS, CIQ, etc, and are available for stand-alone or rack-mount installations. FC,ST optical connectors is standard.

Plug and Play design ensures adjustment-free installation and operation, and optical adjustments are never required.

LED indicators are provided to instantly monitor the system operating status. A typical installation utilizes a transmitter unit at the camera end of the link, connected via a single fiber optic cable, to a receiver unit at the monitoring end of the link.

Features

- Compatible with AHD, HD-TVI, HD-CVI
- Compatible with Composite Video
- Compatible with all PAL, NTSC, SECAM Video Systems
- Support Audio, Serial Data, Ethernet
- Multi-mode Fiber Support for Distances up to 500m
- Single-Mode Fiber Support for Distances up to 60 km
- support 1~16 Channels
- Stand alone or rack-mount

Applications

- Government / Military Base Security / Surveillance
- Hospital / Corporate Security / Surveillance
- Hotel / Casino Security / Surveillance
- Airport Security / Surveillance
- Policing Facilities
- Traffic Analyses / Monitoring
- High-Definition Video Surveillance
- High-Definition Pro Audio Visual



1-Channel Video over Fiber



4-Channel Video + 2 Duplex Data



2-Channel Video + 1 Duplex Data + IP Ethernet



4-Channel Video + 1 Duplex Data + IP Ethernet



8-Channel Video + 1 Duplex Data



16-Channel Video over Fiber 19inch 1U rack



Analog Video over Fiber

Ordering Information

Part Number	Description							
VOS-1000FT/R	1-Channel Video over Fiber Converter							
VOS-1010FDT/R	1-Channel Video + 1 Duplex Data							
VOS-10101FDET/R	1-Channel Video + 1 Duplex Data + IP Ethernet							
VOS-2000FT/R	2-Channel Video over Fiber Converter							
VOS-20101FDET/R	-Channel Video + 1 Duplex Data + IP Ethernet							
VOS-4000FT/R	4-Channel Video over Fiber Converter							
VOS-4020FDT/R	4-Channel Video + 2 Duplex Data over Fiber Converter							
VOS-40101FDET/R	4-Channel Video + 1 Duplex Data + IP Ethernet							
VOS-8000FT/R	8-Channel Video over Fiber Converter							
VOS-8010FDT/R	8-Channel Video + 1 Duplex Data over Fiber							
VOS-16000FT/R	16-Channel Video over Fiber Converter							

Details link: https://www.voscom.com/video-over-fiber/

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Serial Data over Fiber

VOSCOM Serial Data over Fiber Converter series support 1~8 Channels serial data over one multi-mode or single-mode optical fiber. The serial data support RS-485, RS-232, RS-422 data protocols. These fiber optic converters are typically used in applications with PTZ Control, Access Control System, CCTV surveillance, Industirlia control, ITS etc, and are available for stand-alone or rack-mount installations. FC, ST optical connectors is standard.

Plug and Play design ensures adjustment-free installation and operation, and optical adjustments are never required. LED indicators are provided to instantly monitor the system operating status.

Features

- 1~8 channels Rs485 data over fiber
- 1~8 channels Rs232 data over fiber
- 1~8 channels Rs422 data over fiber
- Pluggable terminal blocks
- Multi-mode Fiber Support for Distances up to 500m
- Single-Mode Fiber Support for Distances up to 60 km
- LED Status Provide Rapid Indication of Operating Parameters
- No EMI or RFI and no ground loops
- Stand alone or rack-mount

Applications

- PTZ Control System
- Access Control System
- CCTV surveillance
- Industirlia control system
- Intelligent Transportation System



RS485/422/232 Serial Data to Fiber DIN-Rail Industrial



1-Channel Rs485 over Fiber



2-Channel Rs232 over Fiber



2-Channel Rs422 over Fiber



4-Channel Rs232 over Fiber



8-Channel Rs485 over Fiber

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Serial Data over Fiber

Ordering Information

Part Number	Description
VOS-IS01-T/R	DIN-Rail, Industrial Serial Data to Fiber Converter, support RS485/422/232
VOS-1FOM-D485T/R	1-Channel Duplex RS485 Data over Fiber Converter
VOS-1FOM-D232T/R	1-Channel Duplex RS232 Data over Fiber Converter
VOS-1FOM-D422T/R	1-Channel Duplex RS422 Data over Fiber Converter
VOS-2FOM-D485T/R	2-Channel Duplex RS485 Data over Fiber Converter
VOS-2FOM-D232T/R	2-Channel Duplex RS232 Data over Fiber Converter
VOS-2FOM-D422T/R	2-Channel Duplex RS422 Data over Fiber Converter
VOS-4FOM-D485T/R	4-Channel Duplex RS485 Data over Fiber Converter
VOS-4FOM-D232T/R	4-Channel Duplex RS232 Data over Fiber Converter
VOS-4FOM-D422T/R	4-Channel Duplex RS422 Data over Fiber Converter
VOS-8FOM-D485T/R	8-Channel Duplex RS485 Data over Fiber Converter
VOS-8FOM-D232T/R	8-Channel Duplex RS232 Data over Fiber Converter

Details link: https://www.voscom.com/data-over-fiber/



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D	is	tr	ib	u	to	r I	nf	OI	m	at	io	n	