



Hangzhou Fei Chang Technology Co., Ltd

Fiber Transmission & Network Access Products Manufacturer
Solution Supplier

Communication Access Device

Product Catalog

Fiber Communication & Industrial Network Solution Experts



Company Development



2026

Deeply expanded the product line, entering new industry blue oceans.

2020-2025

Certified as a specialized and new enterprise in Zhejiang Province. Obtained over 50 software copyrights and patents.

2014-2019

Obtained various reports from the Ministry of Information Industry and the Ministry of Public Security. Passed the certification of the intellectual property management system. Obtained over 10 software copyrights and patents.

2010 - 2013

Our company has basically complete product research and development in major categories, the most complete in the industry, and has got ISO9001 qualify certification.

2009

Hangzhou Fei Chang technology Co., Ltd was found. The core personnel have been deeply involved in communication industry over 10 years.

About us

Company Profile

Hangzhou Fei Chang technology Co., Ltd is a technology-oriented national high-tech technique enterprise and Hangzhou high-tech enterprise, focusing on optical fiber transmission device, data telecommunication device and network access device, has particularly complete product categories that is researched and developed by our company.

The company is R&D-driven enterprise. Every year, above 15% of turnover will be taken in researching and developing, half of which is pre-research funding for high-tech technology. The R&D personnel account for 30% of company staff. Meantime, our company has great cooperation with institutes in the field of optical communication such as Zhejiang university, even signed a cooperation agreement with advanced research institute in domestic communication, that is China-Wuhan Academy of Posts and Telecommunications Sciences, to accelerate the transformation of scientific research results and promote the development of my country's optical communications industry.

Our company, with the enterprise spirit of "accumulate rich accumulation, benefit others and achieve oneself", take solid technological accumulation as the cornerstone, provide advanced, applicable personalized customized products, and strive to become a OEM(ODM) enterprise that focuses on domestic optical transmission, data telecommunication, network access.

Main Product

Industry Ethernet switch, PDH/SDH optical multiplexer, multi-service telephone optical multiplexer, physical isolation network optical multiplexer, optical fiber transceiver, optical fiber modem, protocol converter, PCM voice access, TDM over IP, industrial interface transmission converter, HD video optical multiplexer, industry Internet of Things and such transmission and access device. The company got the certification of ISO9001-2008 quality management system, and SGS (Societe Generale de Surveillance SA) international product quality control and technical appraisal certification, has the core intellectual property rights for the communication products produced, and can provide various personalized technique service and customized products. The main clients of our company are China Mobile Communications Group Co., Ltd, CHINA TELECOM, CNC and other operators, and electricity, railway, public security, army and so on.



Enterprise honor

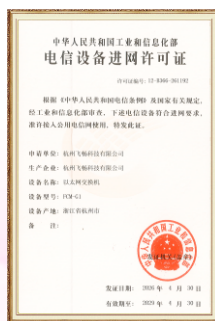
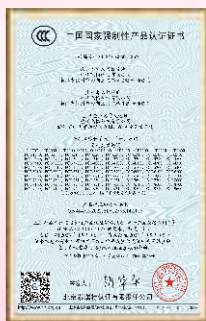


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Lite Managed Network Switches
Managed Network Switch With Bypass

Fiber Media Converter

- 03 Unmanaged Fiber Media Converter
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Physical Isolation Media Converter-Each channel has independent bandwidth
Ethernet + Serial Fiber Media Converter
1 +1 Fiber Back Up Media Converter
POE Fiber Media Converter

Serial/Dry Contact/ Analog/Can Bus

- 05 RS232/422/485 To Fiber Converter
RS232/422/485(3 in 1 type) to Fiber Converter
Serial Modem (Ring network)
Serial to Plastic Optic Modem
Fiber Converged Converter
Full singal RS232 to Fiber
Rack-mounted Serial Server
- 06 RS485/422/232 To Ethernet Server
Optic Fiber Serial Hub
RS485 Hub
Modular RS485 Hub
Dry Contact/Analog/Serial To Optic Fiber Ring Network Converter
Dry/Wet contact Closure to fiber converter
Analog to Fiber Converter
Analog Server
Profibus DP Fiber Modem
- 07 Can Bus to Fiber Converter
CanBus/ Ethernet/ RS485 Converter
Analog/Serial/Dry Contact To Fiber Mixed Type Converter
Industrial DI/DO/AI/AO Serial To Ethernet Server
AI/AO DI/AO RS485/LoRa ModBus RTU
USB to Fiber Extender
STM-1/C37.94 fiber electric converter
Industrial Serial Interface Converter

Industrial Interface Converter

Video/Audio Fiber Converter

- 09 HD Video to Fiber Converter
XLR/AES Audio to Fiber/E1/Ethernet
Audio Fiber Converter
Lipstick DIN-Rail HDMI 3G-SDI Converters
1U Rack 2K HDMI Fiber Converter

Voice Multiplexer

- Voice fiber mux 10
Multi -service fiber mux (FXO/ FXS/E&M2/4wire/magnetic)
- Multi-service Chassis fiber mux 11
E1 (PCM)
Multi-servtce E1 PCM
Centralized Chassis
Multi-service Fiber mux
Voice MUX 1-1 Backup

PDH Multiplexer

- PDH Fiber Multiplexer 12

Interface Converter

- E1/ETH Interface Converter 13
E1/Optic ETH Converter
E1/V.35/V.24/RS530 Converter
E3/DS3/STS-1 Converter
- E1-Serial Converter 14
Co- directional 64K Converter
E1/V.35/V.24 Fiber modem
E1 TDM Over IP
E1/V.35/V.24 Over IP
FXO/FXS Voice Over IP
Modular multi-service Over IP

E1 Protection/Chassis/Balun

- E1 Switch protection 15
SM- MM Converter/Optic OEO
4U 17slots Chassis
Standalone card type/1U Chassis
75-120balun converter/E1 distributor
2U 17 slots Chassis
6U 13 slots Chassis
SNMP Mangement

4G/5G/WIFI Router/Gateway/Remote Terminal

- Industrial DI/DO/AI/AO/Serial To ETH/4G/WIFI Remote Terminal 16
Industrial 4G/5G Router
Industrial WIFI6 Router

Accessories Summary

17

Industrial Ethernet Switch

1

Industrial Din rail Network Switches (series 7)



- Mini industrial din rail 5FE/GE Network Switches
- Mini industrial din rail 8FE/GE Network Switches
- Managed Industrial 16GE Network Switch
- Lipstick Rail Type FE/GE Electric to FE/GE Optic Media converter



- Mini industrial din rail 1FE/GE Fiber Media Converter
- Mini industrial din rail 4FE/GE Fiber Media Converter
- Mini industrial din rail 8FE/GE Fiber Media Converter



- Mini 4/8 FE/GE +2 Optic ports (RSTP ring, WEB manage)
- M12 IP68 grade 16GE Network Switch (Support Dual Power and PoE)

Industrial Din rail Network Switches (series 8)



- Industrial din rail 5FE/GE Network Switches
- Industrial din rail 8FE/GE Network Switches



- 1FE/GE Fiber Media Converter
- 4FE/GE Fiber Media Converter
- 8FE/GE Fiber Media Converter
- 4FE+4FE(SFP) to 2GE(SFP) Fiber Media Converter



- 1FE/GE Fiber Media Converter (With SNMP)
- 4FE/GE Fiber Media Converter (With SNMP)
- 8FE/GE Fiber Media Converter (With SNMP)
(All with OAM remote management function)

L2 Managed Network Switches



- 4FE/GE+2 optic ports(cascade) Media Converter
- 8FE/GE+2 optic ports(cascade) Media Converter



- ERPS ring 4GE+2 optic ports Network Switch
- ERPS ring 8GE+2 optic ports Network Switch
- Managed ERPS ring 8GE+4SFP Network Switch



- Managed RSTP Ring 4GE+4SFP Network Switch
- Managed ERPS Ring 16GE+4SFP Network Switch
- Managed ERPS Ring 16GE+8SFP Network Switch
- Managed ERPS Ring 24GE+4SFP Network Switch



- Managed ERPS ring 8GE+8SFP Network Switch
- Managed ERPS ring 8GE+12SFP Network Switch
- Managed ERPS ring 8GE+4SFP+4serial Network Switch
- Managed ERPS ring 8GE+4SFP Network Switch(bypass)



- Managed ERPS ring 24GE+4Combo(GE) network switch
- Managed 24FE+4Combo(GE) network switch
- Managed 24SFP+4Combo(GE) network switch
- Managed 24GE+4Combo(GE) Network Switch (No light)
- Managed 24FE+4Combo(GE) Network Switch (No light)



- Managed ERPS ring 16SFP+8GE+4Combo(GE) network switch
- Managed ERPS ring 12SFP+12GE network switch
- Managed ERPS ring 8SFP+16GE+4Combo(GE) network switch

Layer 3 Network Switches

Ethernet+Serial Fiber Media Converter



- Managed 8GE+4SFP(10G) layer 3 Switch
- Managed 24GE+4SFP(10G) layer 3 Switch
- Managed 24GE SFP+4SFP(10G) layer 3 Switch
- Managed 6*10G SFP+24GE SFP+24GE Switch



- 4FE+2 Serial Fiber Media Converter
- 2/4GE+2 Serial Fiber Media Converter
- 4GE+4 Serial Fiber Media Converter
- 4FE/GE+2 Serial/4 DIDO Fiber Media Converter



- 4FE/GE+4 Serial+2SFP(GE) Switch
- 4FE+4SFP(FE)+2 Serial+2SFP(GE) Switch
- 8FE+2 Serial+2SFP(GE) Switch(All support ring network)

Industrial Physical Isolation Switches



- 1FE/1GE Fiber Media Converter(100M+1000M=1100M)
- 1GE/1GE Fiber Media Converter(1000M+1000M=2000M)
- 4GE Fiber Media Converter(100M+4=400M)
- 8FE+2SFP(1+1 back up) Media Converter(100M+8=800M)



- 2FE+2GE+2 Serial Fiber Media Converter(2*100M+2*1000M=2200M)
- 4GE+2SFP(1+1 back up)Media Converter(4*1000M=4000M)
- 4FE+2GE+2SFP(1+1 back up)Media Converter(4*100M+2*1000M=2400M)
- 8GE+2SFP(1+1 back up)Media Converter(8*1000M=8000M)

Lite Managed Network Switches

Managed Network Switch With Bypass



- Industrial Lite Managed 8*GE+4*GE SFP
- Industrial Lite Managed 8*GE+8*GE SFP



- Industrial Managed 8GE+2GE SFP RSTP Network Switch With Bypass

Unmanaged Fiber Media Converter



- 1FE Fiber Media Converter
- 1GE Fiber Media Converter (support internal/AC+DC power)



- 10G OEO
- 10G Fiber Media Converter (external power)



- 2/4 FE Fiber Media Converter
- 2/4 GE Fiber Media Converter



- 4 FE /GE Fiber Media Converter(External Power)
- 2 FE /GE to 2 optic ports Media Converter (External Power)



- 4FE/GE Fiber Media Converter
- 4FE/GE(VLAN) Fiber Media Converter
- 8FE/GE Fiber Media Converter
- 8FE/GE(VLAN) Fiber Media Converter



- 4FE/GE Media Converter with 2 optic ports(cascade)
- 8FE/GE Media Converter with 2 optic ports(cascade)



- 16FE to 1optic(FE) Media Converter
- 16FE to 1optic(GE) Media Converter



- Converged 6 optic(FE)to 2FE/GE Media Converter
- Converged 8 optic(FE/GE)to 2GE Media Converter



- 24SFP (FE) +2 Combo ports (GE) Network Switch
- 24SFP (FE) +4 Combo ports (GE) Network Switch
- 24GE +4 Combo ports (GE) Network Switch



- 16*FE+2SFP(GE)Media Converter
- 24*FE+2SFP(GE)Media Converter



- 5V2A;12V1A;12V2A;48V1A;48V2A Power adaptor
- Industrial din rail 12V4A;24V2A Power
- 1*RJ45 (2E1) to 4BNC (2E1) Cable



- Modular Card type Fiber Media Converter

Managed Fiber Media Converter,Support Chassis SNMP Card



- Remote manageable 1FE/GE Fiber Media Converter
- Remote manageable 2FE/GE Fiber Media Converter



- Remote manageable 4FE/GE Fiber Media Converter
- Remote manageable 8FE to 1 optic(FE)Media Converter
- Remote manageable 8FE to 1 optic(GE)Media Converter



- 4U Managed 128 SFP (FE/GE) Switch (remote connect to 128 pcs fiber media converter)

Physical Isolation Media Converter-Each channel has independent bandwidth



- Managed 4FE (physical isolation) Fiber Media Converter (Total band width 4*100M=400M)
- Managed 4GE (physical isolation) Fiber Media Converter (Total band width 4*1000M=4000M)



- Managed 1*GE+1*FE (physical isolation) Fiber Media Converter (Total band width 1000M+100M=1100M)
- Managed 1*GE+1*GE (physical isolation) Fiber Media Converter (Total band width 2*1000M=2000M)



- Physical isolation 2*GE+4*FE to 2SFP (3.125G) (Total bandwidth 2400M,support 1+1 backup)
- Physical isolation 8*GE to 2SFP (10G)(Total bandwidth 8*1000M,support 1+1 backup)

Ethernet + Serial Fiber Media Converter



- 8FE (Physical isolation) Fiber Media Converter
- 24FE (Physical isolation)+8 voice + 4 serial with 2 SFP (1+1 fiber backup)



- 2FE/GE+1*Serial Fiber Media Converter
- 2FE+4*Serial Fiber Media Converter
- 4FE/GE+2*Serial Fiber Media Converter
- 4GE+4*Serial/4*DIDO Fiber Media Converter



- 4FE+16*Serial Fiber Media Converter

1+1 Fiber Back Up Media Converter



- 4GE Fiber Media Converter (1+1 fiber backup)
- 8GE Fiber Media Converter(1+1 fiber backup)

POE Fiber Media Converter



- 1FE/GE POE (af/at) Fiber Media Converter
- 2FE/GE POE (af/at) Fiber Media Converter (Power built in)



- 4FE/GE POE (af/at) Fiber Media Converter (Power built in)
- 8FE/GE POE (af/at) Fiber Media Converter (Power built in)
- Managed 8*2.5G+2*10G Network Switch

RS232/422/485 To Fiber Converter



- Mini 1-2*RS232/422/485 to Fiber converter
- Desktop 1*RS232/422/485 to Fiber converter
- Desktop 4*RS232/422/485 to Fiber converter
- Desktop 8*RS232/422/485 to Fiber converter



- 16*RS232/422/485 to Fiber Converter
- 31*RS232/422/485 to Fiber Converter



- Mini industrial din rail 1*RS485 to Fiber (connect to AVAGO MM optic)
- Mini industrial din rail 2*RS232/485/422 to Fiber
- Industrial din rail 8*RS232/485/422 to Fiber (1+1)
- Industrial din rail 16*RS232/485/422 to Fiber

RS232/422/485 (3 in 1 type) to Fiber Converter



- Mini industrial din rail 1-2*RS232/422/485 to Fiber Converter
- Industrial din rail 1-4*RS232/422/485 to Fiber Converter
- Desktop 1*RS232/422/485 to Fiber Converter
- Desktop 1-4*RS232/422/485 to Fiber Converter

Serial Modem (Ring network)



- 4RS232/485/422 to Fiber Converter support ring network
- Industrial Ring Network 1-2 Channel RS485/422/232 Optic Fiber Modem

Serial to Plastic Optical Fiber Modem



- Industrial Adam Module 1*RS232/RS422/422 to Plastic Optical Fiber Modem

Fiber Converged Converter



- 8 Converged Fiber to 1/2 RS485 Converter
- Star network 12*serial Fiber hub (connect to 12 pcs serial to Fiber Converter)

Full signal RS232 to Fiber



- Full signal RS232 to fiber converter (transmit DCD, DTR, DSRRTS, CTS, RI handshake signal at the same time)

Rack-mounted Serial Server



- Rack-mounted 16 channel Serial Server
- Rack-mounted 32 channel Serial Server

RS485/422/232 To Ethernet Server



- Lipstick Type 1*RS485/RS422/RS232 To Ethernet
- Industrial din rail1-8 serial to Ethernet(1*Wan+1*Lan)
- Industrial din rail1-16 serial to Ethernet(1*Wan+1*Lan)
- Industrial din rail 1*RS232/485/422 to Ethernet
- Industrial din rail1-4 serial to ETH with combo port



- TTL to ETH (Serial to eth Module)
- Din rail 1*RS485 to ETH/1*RS232+1*RS485 to ETH 2 Serial To Ethernet (2*ETH+2*Optic)
- Rack-mounted 16*To Ethernet(1*Wan+1*Lan)
- Rack-mounted 32*To Ethernet(1*Wan+1*Lan)

Optic Fiber Serial Hub



- 1*RS485 Fiber To 8*RS485 HUB
- 1*RS485 Fiber To 16*RS485 HUB

RS485 Hub



- Industrial 8*RS485 HUB
- Industrial 1/2*RS485 HUB
- 19 inches 16*RS485 HUB
- Industrial 16/24 RS485(Terminal/RJ45)HUB

Modular RS485 Hub



- 4/8*Serial HUB
- Modular Type 1 to 2 RS485 Hub
- Modular Type 1 to 4 RS485 Hub
- Modular Cache Type 2 Master 1 Slave RS485 Hub
- Modular Cache Type 4 Master 1 Slave RS485 Hub

Dry Contact/Analog/Serial To Optic Fiber Ring Network Converter



- 1-16*DI/DO/AI/AO Ring Optic Fiber Network Node Device
- Ring Optic Fiber Ring Network ModBus RTU&TCP Colloector

Dry/Wet contact Closure to fiber converter



- Adam 1- 4* Dry Contact To Fiber
- Mini type1-4UD/2BI*Dry Contact to Fiber
- 8UD/4BI*Dry Contact to Fiber
- 16UD/8BI*Dry Contact to Fiber
- 32UD/16BI*Dry Contact to Fiber(1+1back up)

*UD=Unidirectional; BI=Bidirectional



- 8 Converged FiberTo 16*DI/DO Converter
- 64UD/32BI Dry Contact to Fiber(optional 1+1Fiber backup)
- 128UD/64BI Dry Contact to Fiber(optional 1+1Fiber backup)
- 28 Fiber Direction Fiber Converged Dry Contact to Fiber



- 1-8* Dry Contact To Fiber (Support AC250V10A)
- Industrial din rail1-4UD/2BI*Dry Contact to Fiber
- Industrial din rail1-16UD/8BI Dry Contact to Fiber
- Industrial din rail1-14*Dry Contact to Fiber with 1alarm output
- Industrial din rail1-32UD/16BI Dry Contact to Fiber (Optional fiber1+1back up)

Analog to Fiber Converter



- 4 analog (4-20mA/0-10V)to Fiber Converter
- 8 analog with 24V output (4-20mA/0-10V) to Fiber Converter
- 16 analog with Fiber cut hold (4-20mA/0-10V) to Fiber Converter
- 32 analog with Fiber cut hold (4-20mA/0-10V) to Fiber Converter

Analog Server



- 8 Analog to Ethernet Industrial Din Rail type
- 50 Analog to Ethernet Rack type

Profibus DP Fiber Modem



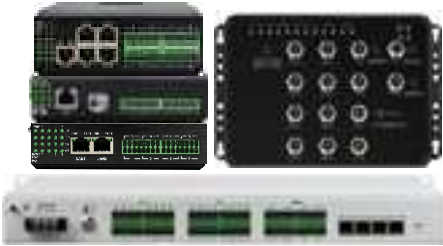
- 1*Profibus DP to Fiber Converter

Can Bus to Fiber Converter



- Adam Type 1-2 CAN To Fiber
- Industrial din rail 2/8 To Fiber
- Desktop 1* CAN to Fiber
- Industrial din rail 2* CAN to Fiber(Ring)
- 8 Converged Fiber To 1-2*CanBus Converter

Industrial DI/DO/AI/AO Serial To Ethernet Server



- 1-8*Serial Server(1*Wan+3*Lan)
- 1-8 AI/AO/DI/DO Server
- 1-16 AI/AO/DI/DO Server
- M12 IP68 grade 8*Serial+2*CanBus Server
- Rack-mounted 1-32 AI/AO/DI/DO Server+8*Serial To 4*GE Server

STM-1/C37.94 fiber electric converter



- C37.94 to E1 Converter
- STM-1 Fiber electric Converter STM-electric port of ATM & STM-1 Fiber port of SDH Converter

CanBus/Ethernet/RS485 Converter



- 1/2 CAN To Ethernet Server
- 1*CAN + 1*RS485/RS422/RS232 To Ethernet Server
- 1*CAN+ 1*RS485 To Ethernet Server
- 1*CAN To 1*RS485 Converter
- 1*CAN Isolation Repeater

AI/AO DI/DO RS485/LoRa ModBus RTU



- 1*DI+DO RS485/LoRa ModBus RTU
- 4/8ports AI/AO to Modbus RTU
- Lipstick Din-Rail 2 channels AI/AO/DI/DO To LoRa
- 16*AI/AO/DI/DO RS485/LoRa RTU
- LoRa Converge ModBus Ethernet Gateway

Analog/Serial/Dry Contact To Fiber Mixed Type Converter



- 1-16* Analog/1-8*Serial/1-16 Dry Contact To Fiber Converter
- 1-32* Analog/1-16* Serial/1-32 Dry Contact To Fiber Converter
- 1-4* Analog/1-2*Serial/1-4 Dry Contact To Fiber Converter

USB to Fiber Extender



- USB2.0 to Fiber Extender
- USB3.0 to Fiber Extender
- USB2.0/3.0 to Fiber Extender
- 8ports USB3.0 to Fiber Extender

Industrial Serial Interface Converter



- RS232 to RS422-485 Converter
- RS232 to RS485 Converter
- Isolated RS485 Repeater
- Isolation Lightning Protection RS232 to RS485



- Isolation Lightning Protection RS232 To RS485
- Intelligent RS232 To RS485/422



- Active/Passive RS232 to RS485



- RS232 to RS232 Isolator



- Isolation Lightning Protection USB to 4*RS485
- Isolation Lightning Protection USB to 4*RS232



- Lightning Protection USB to 1*RS485
- Isolation Lightning Protection USB to 1*RS485



- Lightning Protection USB to 1*RS232/485
- Isolation Lightning Protection USB to 1*RS232/485



- Isolation Lightning Protection USB to 2*high-speed RS485
- Lightning Protection USB to 2*high-speed RS485



- Lightning Protection USB to 1*RS485(with cable)
- Isolation Lightning Protection USB to 1*RS485 (with cable)



- Lightning Protection USB to 1*RS232/485 (with cable)
- Isolation Lightning Protection USB to 1*RS232/485(with cable)



- Isolation Lightning Protection USB to 2*high-speed RS485(with cable)
- Lightning Protection USB to 2*high-speed RS485 (with cable)



- Lightning Protection USB to 1*TTL (with cable)
- Lightning Protection USB to 1*TTL



- Lightning Protection USB to 1*High-Speed RS485+1*RS232 (with cable)
- Lightning Protection USB to 1*High-Speed RS485+1*RS232



- Isolation Lightning Protection USB To 4*RS485
- Isolation Lightning Protection USB To 4*RS232
- Industrial Rail Isolation Lightning Protection USB To 8*RS232/RS485

HD Video to Fiber Converter



- 2K 60HZ HDMI1.2 Fiber extender
- 2K 60HZ HDMI1.2 to ethernet
- 4channel 2K 60 HZ HDMI+Eth Fiber extender
- 4channel 2K HDMI+2*GE+USB+Audio Fiber extender
- 8 channel 2K 60 HZ HDMI Fiber extender
- 16 channel 2K 60 HZ HDMI Fiber extender



- 1*4K DVI fiber extender
- 1*4K 30HZ(HDMI1.4)/60HZ(HDMI2.0)fiber extender
- 1*4K bidi 60HZ(HDMI2.0)+RS232+USB to fiber extender
- 16*4K 30HZ(HDMI1.4)/60HZ(HDMI2.0)fiber extender



- Mini1*3G/HD-SDI Fiber Converter
- 16*3G/HD-SDI Fiber Converter
- 8*3G HD-SDI+8*RCA Audio Fiber Converter
- 16*12G/HD-SDI Fiber Converter

XLR/AES Audio to Fiber/E1/Enthernet



- Desktop 4*3G/HD-SDI+2*GE+2*FE(physical isolation)+dry contact+serial to Fiber
- 8*3G/HD-SDI+2*GE+4*FE(physical isolation) 8FXO/FXS+dry contact+Serialto Fiber



- 1-4(XLR)audio Fiber converter(desktop)
- 1-8(XLR/AES)audio Fiber converter
- 1-16(XLR/AES) Audio Fiber converter
- 8*AES/EBUaudio Fiber converter



- 1-4 stereo XLR audio over IP
- 1-4 AES XLR audio over IP
- 1-6 XLR audio over IP
- 1stereo XLR audio over E1
- 1AES(XLR) audio over E1

Audio Fiber Converter

Lipstick DIN-Rail HDMI 3G-SDI Converters

1U Rack 2K HDMI Fiber Converter



- 1-4(RCA) audio Fiber converter
- 1-8(RCA) audio Fiber converter
- 1-16(RCA) audio Fiber converter



- Lipstick Din-Rail 1 channel 3G HD-SDI To HDMI
- Lipstick Din-Rail 1 channel HDMI To 3G HD-SDI



- 1U Rack Type 16*2K HDMI corresponding to 16 Optic Directions HDMI Fiber Converter
- 1U Rack Type 1*2K HDMI corresponding to 16 Optic Directions HDMI Fiber Converter

Voice fiber mux



- Mini 1-4*voice fiber mux
- Desktop 1-16*voice fiber mux
- Rack 1-64*voice fiber mux (1+1 fiber back up optional)

Multi-service fiber mux(FXO/FXS/E&M2/4wire/magnetic)



- Desktop 4ch voice+4FE+2RS232/422/485
- Desktop 4ch voice+4GE+2RS232/422/485
- Desktop 4*voice+2FE+2GE+2RS232/422/485(all physical isolation,bandwidth2200M)
- Desktop 8*voice+2*FE Fiber mux
- Desktop 8*voice+2*GEFiber mux



- 16*voice+4/8*E1+4*FE+4*RS232/422/485
- 16*voice+4/8*E1+4*GE+4*RS232/422/485
- 16*voice+4/8*E1+4*FE physical isolation+4RS232/422/485(Optional1+1 fiber back up Console/SNMP)



- 32*voice+4/8*E1+4*FE+4*RS232/485/422
- 32*voice+4/8*E1+4*GE+4*RS232/485/422
- 32*voice+4/8*E1+4*FE(physical isolation)+4RS232/422/485(Optional1+1fiber back up Console/SNMP)



- 64*voice+4/8*E1+4*FE
- 64*voice+4/8*E1+4*GE
- 64*voice+4/8*E1+4*FE(physical isolation (Optional1+1 fiber back up Console/SNMP))



- 32*voice+4/8/16*E1+4*FE+2*GE(physical isolation)
- 32*voice+4/8/16*E1+4*FE+4*GE(physical isolation) (Optional1+1 fiber back up/Console/SNMP)
- 32*voice+4/8*E1+8*FE(physical isolation))
- 32*voice+16E1+8*GE(physical isolation)



- 32*voice+16E1+4FE+4GE(physical isolation)+2RS232/422/485+SNMP+console



- LCD Modular multi-service fiber mux(4 slots,Max support 4*16voice/4*4E1/4*FE/4*GE/4*FE (physical isolation)/4*2V.35/4*2V.24/4*8RS232/485/422,support1+1 fiber back up,Optional Console/Snmp)



- Industrial din rail 4*voice+1FE Fiber mux
- Industrial din rail 4*voice+1*GE Fiber mux(Ip40, support 35mm din rail & wall mount Working temp:-40—+85 C)



- 30*voice ring network fiber mux
- 60*voice ring network fiber mux(Central30/60FXO, each node device1-2 FXS, Ring network max 30/60 voice,support node,ring network fiber)



- 4FXO/FXS(RJ11)+1*FE Fiber mux
- 8FXO/FXS(RJ11)+1*FE/GE Fiber mux
- 16FXO/FXS(RJ11)+2*FE/GE Fiber mux
- 32FXO/FXS(RJ11)+2*FE/GE Fiber mux
- 64FXO/FXS(RJ11)+2*FE/GE Fiber mux



- 32*voice+8FE(physical isolation)+8*E1(optional 1+1 fiber back up ,console/SNMP)
- 32*voice+8GE(physical isolation+16*E1(optional 1+1 fiber back up ,console/SNMP)

Multi-service Chassis fiber mux



- 1-384 FXO/FXS fiber mux(4U chassis Optional 4GE/4FE/E1/1+1 fiber backup/dual power redundancy)
- 2U chassis multi-service fiber mux



- 1-360FXO/FXS Fiber mux(6UchassisOptional 4GE/4FE/E1/1+1fiber back up/dual power)



- 1-960FXO/FXS Fiber mux8Uchassis,Optional 4GE/4FE/E11+1fiber back up/dual power)

E1 (PCM)



- 6u Cards type 32voice+4E1+4FE+2G (physical isolation) Fiber mux



- Desktop1-16*voice over 1*E1
- Rack 1-16*voice over 1*E1
- Rack 1-30*voice over 1*E1



- 64voice Over 1*E1
- 60 voice Over2*E1
- 30 voice Over 2E1(1+1 E1back up)

Multi-service E1 PCM



- Desktop4*voice+1FE+2*RS232/485/422 Over E1
- Desktop 8*voice+4*RS232/485/422 Over E1
- 1-16voice+4FE+4RS232/485/422 Over E1



- 1-30voice+FE+1RS232/485/422 Over E1
- 30voice+4FE(64K) OVER E1
- 32voice+4FE Over 2E1



- 16*Voice+4*E1+4*FE (Fiber 1+1 backup, E1 1+1 backup) over Optic Fiber or E1 PCM MUX

Centralized Chassis



- Chassis type E1 PCM(6U/4U)

Multi-service Fiber mux



- 4video+4eth+dry contact+serial fiber mux
- 8video+4eth+dry contact+serial+phone fiber mux

Voice MUX 1+1 Backup



- Desktop 8*Voice over fiber+E1 (1+1 backup)
- Desktop 8*Voice fiber MUX (1+1 fiber backup)

PDH Fiber Multiplexer



- 4E1+1FE PDH Fiber mux(Desktop)
- 4E1+1FE PDH Fiber mux(19inches)
- 4E1+1GE PDH Fiber mux(Desktop)
- 4E1+1GE PDH Fiber mux(19inches)



- 4E1+4FE PDH Fiber mux(19inches)
- 8E1+4FE PDH Fiber mux(Desktop)
- 8E1+4FE PDH Fiber mux(19inches)



- 4E1+4FE Fiber mux
- 4E1+4GE Fiber mux
- 4E1+4FE(physical isolation) Fiber mux
(Optional 1+1 fiber back up/Console/SNMP)



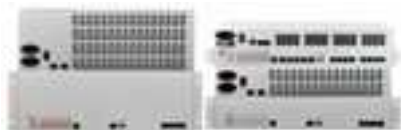
- 8E1+4*FE Fiber mux
- 8E1+4*GE Fiber mux
- 8E1+4*FE(physical isolation) Fiber mux
(Optional 1+1 fiber back up/Console/Snmp)



- 16E1+4*FE Fiber mux
- 16E1+4*GE Fiber mux
- 16E1+4*FE(physical isolation)Fiber mux
Optional 1+1 fiber back up/Console/Snmp



- 16E1+12*FE+8FXO/FXS Fiber mux
- 16E1+8*FE Fiber mux
- 16E1+8*FE(physical isolation)Fiber mux(
Optional 1+1 fiber back up/Console/Snmp)



- 32E1+4*GE Fiber mux
- 64E1+4*GE Fiber mux(Optional 1+1 Fiber
back up/Console/Snmp)



- 4/8E1+4FE(75+120)dual impedance
- 4/8E1+4GE(75+120)dual impedance
- 8E1+4*FE(physical isolation)dual impedance
(Optional 1+1 Fiber back up/Console/Snmp)



- LCD display 16E1+4FE Fiber mux
- LCD display 16E1+4GE Fiber mux
- LCD display 16E1+4*FE(physical isolation)
(optional 1+1 fiber back up/Console/Snmp)



- 16E1+3FE+100BASE-FX PDH
- 16E1+3GE+1000BASE-FX PDH(Optional 1+
1 fiber back up/Console/Snmp)



- LCD modular multi-service PDH fiber mux(4slots,
Max support 4*4E1/4*FE/4*GE/4*FE(physical
isolation)/4*16voice/4*2V.35/4*2V.24/4*8RS232
/485/422, With 1+1 fiber back up Optional
Console/Snmp)



- FCK11/FCK12/FCK14/FCK16
- PDH centralized chassis(1U/2U/4U6U)

E1/ETH Interface Converter



- Framed E1-FE Converter
- Unframed E1-FE Converter
- Unframed E1-4*FE Converter
- Framed E1-4*FE Converter



- E1-2*FE(physical isolation) Converter
- E1-1*FE+2*RS232 Converter
- E1-1*FE+4*RS232 Converter



- 4E1-1*FE Converter (Desktop)
- 4E1-4*FE Converter (Desktop)

E1/Optic ETH Converter



- 8E1-1*FE Converter
- 8E1-4*FE Converter
- 16E1-1*FE Converter
- 16E1-4*FE Converter



- 4E1(BNC+RJ45)-4*FE Converter
- 8E1(BNC+RJ45)-4*FE Converter
- Converged 16E1-ETH Converter



- 1E1 to 1*100 BASE-FX Converter
- 4E1 to 100 BASE-FX Converter
- 4E1 to 2GE+1*1000 BASE-FX Converter
- 8E1 to 3FE+1*100 BASE-FX Converter
- 16E1 to 3FE+1*100 BASE-FX Converter
- 16E1 to 3GE+2*1000 BASE-FX Converter

E1/V.35/V.24/RS530 Converter



- Unframed E1-V.35 Converter
- Framed E1-V.35 Converter
- Unframed E1-V.24 Converter
- Framed E1-V.24 Converter
- Unframed E1-RS530 Converter
- Framed E1-RS530 Converter



- ETH to V.35 Converter



- E3/DS3/STS-1 To Fiber Converter
- E3/DS3/STS-1 To 4FE Converter

E1-Serial Converter



- E1-RS232/422/485 Converter
- E1-RS232/422/485 Converter(support 3 type in 1 device)
- E1-full signal Rs232 Converter



- E1-4*RS232/422/485 Converter
- E1-8*RS232/422/485 Converter
- E1-16*RS232/422/485 Converter
- E1-31*RS232/422/485 Converter

Co-directional 64K Converter



- Co-directional 64K-ethernet converter
- Co-directional 64K-V.35 converter
- Co-directional 64K-RS232/422/485

E1/V.35/V.24 Fiber modem



- Unframed E1 fiber modem
- Framed E1 fiber modem
- 2048K V.35 fiber modem
- N*64K V.35 fiber modem



- E3/DS3/STS-1 fiber modem

E1 TDM Over IP



- 1E1 TDM Over IP
- 4*E1 TDM Over IP (provide 2ETH+1SFP Ethernet port)

E1/V.35/V.24 Over IP



- 1*V.35 TDM Over IP
- 1*V.24 TDM Over IP (provide 2ETH+1SFP Ethernet port)



- 8*E1 TDM Over IP
- 16*E1 TDM Over IP (provide 2ETH+1SFP Ethernet port)

FXO/FXS Voice Over IP



- 8/16/30 Voice Over IP
- 1-8 ports VOIP gateway (Magnetic/EM2/4wire/FXO/FXS/2/4 wire audio)
- 60VOICE TDM Over IP (provide 2ETH+1SFP Ethernet port)

Modular multi-service Over IP



- Modular multi-service Over IP (4slots, Max support 4*4E 1/4*16 voice /4*2V.35/4*2V.244 *8RS232/485/422)

E1 Switch protection



- Desktop 2*E1 switch protection
- 1U 5*E1 switch protection
- 1U8*E1 switch protection(Optional SNMP/WEB)



- 4U chassis 2E1 switch protection card*17

SM-MM Converter/Optic OEO



- OEO fiber repeater
- SM-MM Converter(support 155M-10G rate)

4U 17slots Chassis



- 4U 17slots chassis, support dual power (For all 4U Card,support SNMP)



- 1U chassis 1-2 slots(For all 4U card)

Standalone card type/1U Chassis



- Standalone card type for 2U card
- 1U 2slots chassis
- 1U 6slots chassis,support dual power(Caninsert
- 2Umedia converter cardE1/ETH,serial to fiber , voice card.....)

75-120balun converter/E1 distributor



- 1E1 75-120 balun converter(BNC)
- 16E1 75-120 balun converter(BNC)
- 16E1 75-120 balun converter(L9)



- 24 E1 75-120 balun converter(BNC)
- 1 in put16 output E1 distributor

2U 17slots Chassis



- 2U 17slots chassis,support dual power(For all 2U cards,like media converter,E1/ETHSerial to fiber, voice card.....)

6U 13 slots Chassis



- 6U 13slots,support dual power support all type 6U card, support SNMP)

SNMP Mangement



- 2U/4U/6U SNMP card
- SNMP software

Industrial DI/DO/AI/AO/Serial To ETH/4G/WIFI Remote Terminal



- 1 *RS485/232 To ETH/4G DTU
- 4*DO(Support AC220V10A) + 8*DIDO/AIAO To ETH/4G/WIFI
- 16*DO(Support AC220V10A) To ETH/4G/WIFI
- 1-32*DIDO/AIAO To ETH/4G/WIFI



- 1*Lan+1*xWan+8*Serial+28*DIDO/AIAO To 4G Router
- Lipstick Din-Rail 2 channels AI/AO/DI/DO To 4G
- Rack-mounted 128*DIDO/AIAO To 2*FE+2*FE SFP/4G/WIFI

Industrial 4G/5G Router



- Industrial 4*Lan+1*Wan+WIFI+2*Serial 4G Router
- 16*DI/DO/AI/AO/4*ModbusRTU+4*GE+1*1G/2.5G SFP+WIFI-6+5G Industrial Gateway

Industrial WIFI6 Router



- 2*RS232/422/485+4*GE+1*1G/2.5G SFP+WIFI-6 Router
- Antenna

Accessories Summary

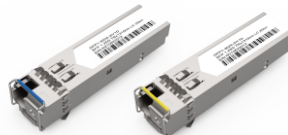
EPON/GPON SFP Module



EPON/GPON OLT SFP Module

- EPON OLT SFP Module
1.25G 20KM PX20+/PX20++/PX20+++
3db 5db 7db 8db 9db
- GPON OLT PON SFP Module
B+/C+/C++/C+++ 2.5Gbps/1.25Gbps
3db 5db 7db 8db 9db

1.25G SFP Module



1.25G SFP Module

- 1.25G SFP Module; SM/DF/0-120KM
- 1.25G SFP Module; SM/SF/0-120KM
- 1.25G SFP Module; MM/DF/550M

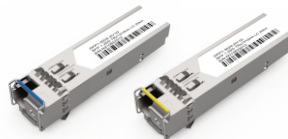
10G SFP Module



10G SFP Module

- 10G SFP Module; SM/DF/0-80KM
- 10G SFP Module; SM/SF/0-120KM
- 10G SFP Module; MM/DF/300M

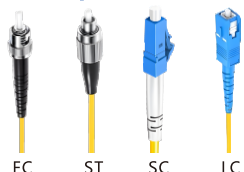
SFP Electrical Module



SFP Electrical Module

- 1.25G SFP Electrical Module; 100M
- 10G SFP Electrical Module; 80M
- 10G Adaptive SFP Electrical Module; 30M

Fiber Optic Patch Cord



Fiber Optic Patch Cord

- SC-SC; SC-FC; SC-ST SC-LC
- LC-LC; LC-FC; LC-ST
- FC-FC; FC-ST
- ST-ST

DIN Rail Power Supply



DIN Rail Power Supply with Aluminum Heat Sink

- ① DIN Rail Power 220V to 24V1A/12V2A
- ② DIN Rail Power 220V to 24V2A/12V4A
- ③ DIN Rail Power 220V to 48V1A/48V2.5A
- ④ DIN Rail Power 220V to 12V15A/24V8A/48V5A
- Input: AC90~264V
- Frequency: 50/60Hz
- Output: 12V2A/24V1A/12V4A/24V2A/48V1A/48V2.5A
- Operating Temperature: -40 ~ +85°C

Industrial Power Supply DC24V/1A



FC-220V/24V/1A (Industrial Power Adapter)

- Input: AC100~240V~1A
- Frequency: 50/60Hz
- Out Put: DC24V/1A, DC12V/1A, DC12V/2A
- Operating Temperature: -40 ~ +85°C

Industrial Rail Power Supply



AC220V to DC12V2A/24V1A Power Adapter

- Input: AC100~240V~0.55A
- Frequency: 50/60Hz
- Out Put: DC12V/2A or DC24V/1A
- Operating Temperature: -20 ~ +65°C

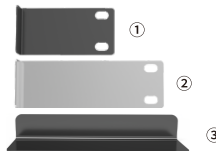
DIN35mm Clip



Black Standard DIN 35mm Mounting Clip

- Standard DIN Rail Clip and Wall Mount Bracket

Bracket



Elecom-Grade Bracket

- ① 19-inch Rack-Mount Bracket
- ② Desktop to Rack Optional Bracket
- ③ Desktop/Tabletop Wall-Mount Optional Bracket

Success case



The worldwide largest single-aperture radiotelescope FAST project.



Rocket take-off signal high reliability transmission project



CNOOC Tianjin branch



Vietnam Grid Modernization Project



Substation Automation Project



Thailand Railway Signal Control Project



Southern Power Grid:Macau power supply project



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