CTS
CONNECTION TECHNOLOGY SYSTEMS

MEDIA CONVERTER SOLUTIONS

EXTEND AND CONVERT INTERFACE,
SIGNALS FOR ETHERNET NETWORK

- Media Chassis
- Media Converter
- Rugged & Industrial Media Converter

www.ctsystem.com

CTS

Fiber Media Converter Solutions

Chassis Solution

Standalone Media Converter Solution

Rugged/Industiral Media Converter Solutions

Rugged Media Converter Solution

Industrial Media Converter Solution

Accessory

About CTS

- CTS is a leading network solution provider headquartered in Taiwan. We are professional in design and manufacture products for the Last Mile Connectivity. With branch offices in Japan, Sweden, Austria, India, and the U.S., we aim to develop solutions to achieve sustainability, and grow together with partners worldwide.

- Founded in 1998, public since 2015
- 142 employees internationally, 20% belong to R&D
- 350+ Customers in over 40 countries
- 97.8% Customer Satisfaction

Our Mission

Find the market gap from user scenario and application
Design reliable products that connect people at the Last Mile
Fulfill customer demands with differentiated and sustainable solutions

Sustainability

We provide reliable and sustainable solution for our customers so they can use for a long time, reducing the waste of our planet. We also adhere to the most stringent global compliance standards.
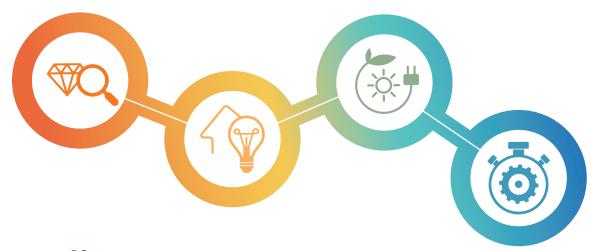
CTS acknowledges the importance of the UN Sustainable Development Goals (SDGs)
and we've integrated into our business strategy. We've started to work with our suppliers and partners on the GHGs and PCF. We plan to release sustainability report to our stakeholders every year.

Sweden
Connection Technology Systems NE AB

Austria
Connection Technology Systems CE GmbH

India
Connection Technology Systems India

Japan
Connection Technology Systems Japan

Taiwan
Connection Technology Systems Inc. (HQ)

USA
Connection Technology USA Inc.

Why CTS

The Spirit of Pursuing Excellence

For CTS, our achievement is defined by each successful story our customers have experienced. Until this day, with 20 years experiences in the field, CTS' innovative spirit and passion still driving the company to pursue excellence. Through continuously interact with the clients and the markets, CTS has insisted on keeping "Differentiation and Glocalization" which has make us one of the leading solution providers for telecom companies, network operators, and broadband service providers all over the world.

Quality Assurance

Engineering Design

- SW/HW Collaboration
- Design Verification Test
- Design for Manufacturing
- Solution & Risk Analysis

Own Production

- Made in Taiwan
- IQC/PQC/FQC/OQC
- First Pass Yield
- Dynamic Burn-in Test

Reliability Test

- High Temperature Operating
- High Temperature Storage
- Damp Heat Cycling Test
- Accelerated Aging Test
- MTBF with MIL-HDBK-217F
- ISO 9001, 14001, CE, FCC
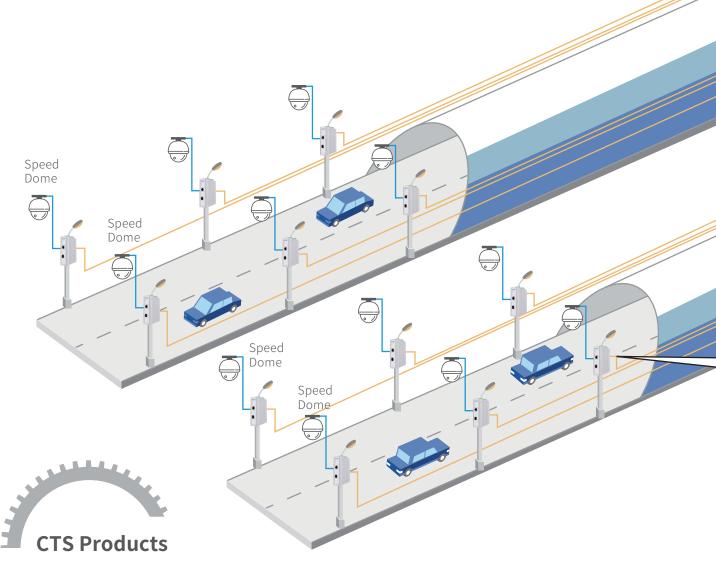
Timely Services

- Engineering Services
- Local Branch Support
- RMA Center
- Root Cause Analysis

CTS Industrial Media Converter Is Adopted by Hong Kong Border Facility

Background

Hong Kong Boundary Crossing Facilities (HKBCF) is the immigration and customer check point on the Hong Kong-Zhuhai-Macau Bridge. To meet security requirements and provide convenient services to motorists and passengers, HKBCF deployed state of the art Automatic Vehicle Clearance System (AVCS) for vehicle tracking, license plate recognition, and intrusion detection. Numerous speed dome cameras are installed across the Vehicle Clearance Plaza which needs a PoE network solution to help to build a complete surveillance system.

Speed Dome

Speed Dome

Speed Dome

Speed Dome

Speed Dome

CTS Products

IPC-3012-PoE++

1-Port SFP to 1-Port Force 60W PoE Gigabit Industrial Media Converter

Challenge

① Speed dome camera require 60W power input.

② Outdoor site on an artificial island with subtropical climate.

③ Frequent thunder storm on site.

④ Required 24/7 non-stop surveillance network.

Solution & Benefit

① IPC-3012-PoE++ compatible with IEEE 802.3af/at PoE+ and up to force 60W power output.

② Able to operate smoothly in outdoor, marine, hot and humid environments.

③ 6KV Surge Immunity on copper ports prevent devices from damage.

④ Dual power input (12~57VDC) and built-in power booster to ensure non-stop and stable power supply to the connected cameras.

12~57 VDC Power Input

60W PoE Power Output

6KV Surge Protection

-40~75 Degrees Celsius

IPC-3012-PoE++

Networking Consultant

Our professional sales and technical team helped client looking for the best fitted solution.

Trustworthy Partner

The CTS in-house design and production team ensure the top-notch quality.

In-house Designer

Providing the reliable product that helps the customer achieve their goal more effectively.

Extension and Expansion for Point-to-Point Solutions

In an ever-growing world of internet, media conversion is important for interconnecting two source of services. For CTS, it's our job to simplify data transportation and create seamless connection between different devices. Media Converters series are flexible and cost-effective solution for implementing and optimizing fiber links to copper link in all types of networks. With centralized Media Chassis - MCT/CVT-RACK Series, the stand-alone, plug-and-play MCT/CVT Media Converters can easily expand the fiber-optic networks. The wiring distance of MCT/CVT-RACK Series can extend from 2 to 120km and the transmission distance is up to 120km.

- 10G Solution for 10G SFP+ to 10G SFP+ or 10G SFP+ to 100M/1G/2.5G/5G/10GBase-T
- Gigabit Solution for 100/1000Base-X SFP to 100/1000Base-X SFP or 1G SFP to 10/100/1000Base-T
- WEB UI and SNMP v1/v2c Management Interface for Managed Media Converter
- Plug and Play 2/12/16/18-Slot Media Chassis
- 12/18-Slots Managed Media Chassis via WEB UI, CLI, Telnet, SSH and SNMP v1/v2c Management Interface

MCT-5002SFP+

Multi-G

CVT-3002-PLUS

Plug and Play

MCT-RACK-18-MGM

Media Converter Chassis

Robust, Reliable and Extenable Solution to Reach Copper Devices Effortlessly

IAC-3012

-40~75 Degrees Celsius

IPC-3012-PoE++

60W PoE Output

IPC-3014-PoE++

Dual Fiber

CTS Industrial Media Converters in robust IP30 housing are designed to meet the demands of industrial network plug-and-play usage. Industrial Media Converters can extend your Ethernet network beyond 100-meter limitation and convert fiber links from multi-mode to single-mode or vice versa. The wiring distance of CTS Industrial Media Converters can extend from 2 to 120km and data transmission distance is up to 120km.

- IP30 Slim Design Housing
- -40~75 Degrees Celsius Operating Temperature for Harsh Operating Environment
- 12~48/12~57VDC Dual Power Input for Uninterrupted Network System 1/2-port
- Copper to 1/2-port Fiber-optic Interface
- Supports 1/2-port PoE Injector
- Supports IEEE 802.3at/af PoE and force 60W PoE Power Output
- Built-in DIP Switch Provides Port Isolation and Fiber Redundancy Mode
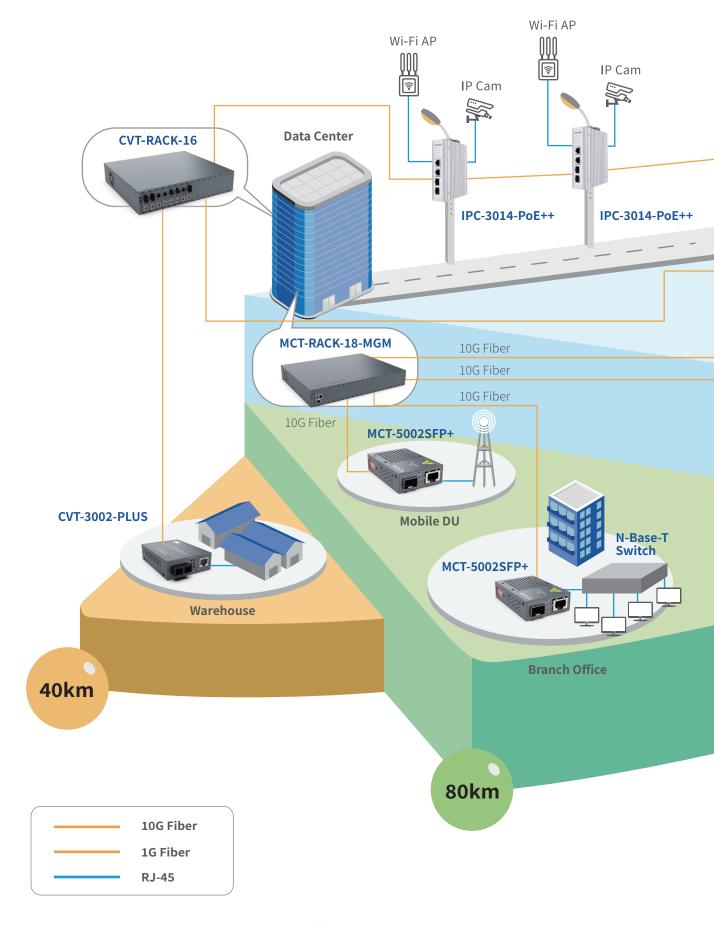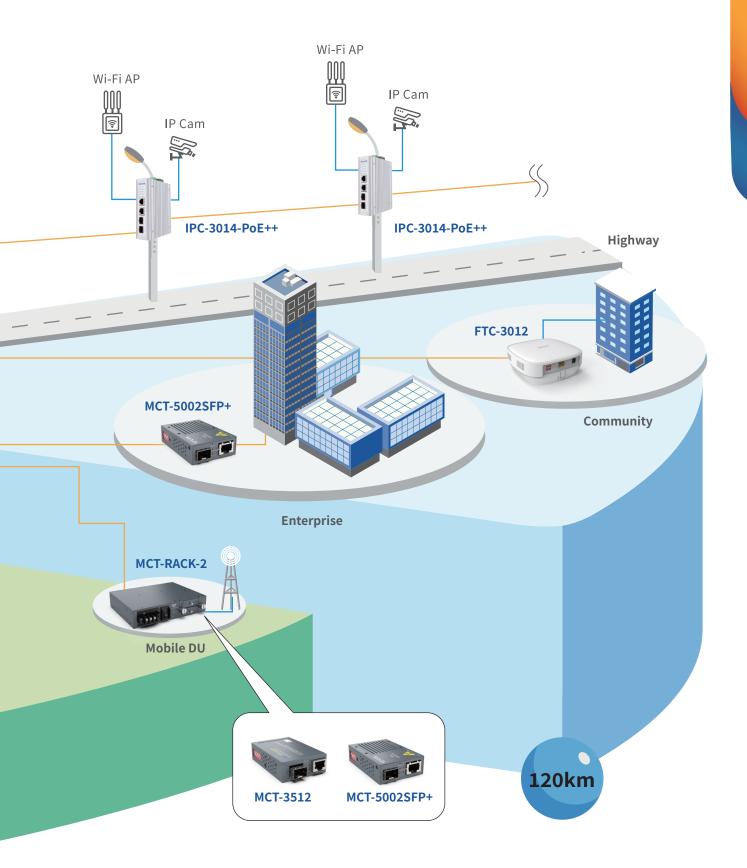
Application of Media Converter Solutions

CVT-RACK-16

Data Center

Wi-Fi AP

Wi-Fi AP

IP Cam

IP Cam

IPC-3014-PoE++

IPC-3014-PoE++

MCT-RACK-18-MGM

10G Fiber

10G Fiber

10G Fiber

10G Fiber

MCT-5002SFP+

Mobile DU

CVT-3002-PLUS

N-Base-T Switch

MCT-5002SFP+

Warehouse

40km

Branch Office

80km

——	**10G Fiber**
——	**1G Fiber**
——	**RJ-45**

Wi-Fi AP

Wi-Fi AP

IP Cam

Wi-Fi AP

IP Cam

IPC-3014-PoE++

IPC-3014-PoE++

Highway

FTC-3012

MCT-5002SFP+

Community

Enterprise

MCT-RACK-2

Mobile DU

MCT-3512   **MCT-5002SFP+**

120km

Compact Media Converter Chassis		
Model Name	MCT-RACK-18-MGM	MCT-RACK-12-MGM
	Managed	Managed
Product Image		
Hardware — Chassis Slots	18	12
Dimension W x D x H	440 x 340 x 66mm	440 x 342 x 44mm
Operating Temperature (Humidity)	0~50°C (5~90%)	
Power Source	2 x Hot Swappable 100~240VAC/48VDC	
Power Consumption (Full Load)	35W	72W
Management & Features — Converter Modules	MCT-5002FSMSFP+, MCT-5002SFP+, MCT-3612, MCT-3512, MCT-3002, MCT-100 Series	
Management Port	1 x 10/100Base-T RJ-45, 1 x RS-232 to RJ-45 Console	
USB Port	1 x USB 2.0 (Type A)	
Digital Input/Output	1/1	
Management	Telnet, CLI, WEB, SNMP v1/v2c/v3	
SNMP Power Down Trap	●	
SNTP	●	
Firmware/Configuration Upgrade	FTP/TFTP/HTTP	
Certifications — EMC/Safety	FCC Class A, CE	

Compact Media Converter Chassis			
Model Name	MCT-RACK-18	MCT-RACK-12	MCT-RACK-2
	Non-managed	Non-managed	Non-managed
Product Image			
Hardware — Chassis Slots	18	12	2
Dimension W x D x H	440 x 340 x 66mm	440 x 342 x 44mm	210 x 160 x 44mm
Operating Temperature (Humidity)	0~50°C (5~90%)		
Power Source	2 x Fixed 100~240VAC/48VDC	2 x Hot Swappable 100~240VAC/48VDC	1 x Fixed 100~240VAC/48VDC
Power Consumption (Full Load)	33W	72W	16W
Converter Modules	MCT-5002FSMSFP+, MCT-5002SFP+, MCT-3612, MCT-3512, MCT-3002, MCT-100 Series		
Certifications — EMC/Safety	FCC Class A, CE		

Media Converter Chassis		
Model Name	CVT-RACK-16	CVT-RACK-16S
	Non-managed	Non-managed
Product Image		
Hardware — Chassis Slots	16	16
Dimension W x D x H	440 x 385 x 90mm	440 x 385 x 90mm
Operating Temperature (Humidity)	0~50°C (5~90%)	
Power Source	2 x Hot Swappable 100~240VAC/48VDC	1 x Fixed 100~240VAC
Power Consumption (Full Load)	98W	95W
Hot Swappable FAN Number	3	3
Converter Modules	CVT-5002SFP+, CVT-3002, CVT-100 Series	
Certifications — EMC/Safety	FCC Class A, CE	

10G Media Converter			
Model Name	MCT-5002FSMSFP+	MCT-5002SFP+	CVT-5002SFP+
	Non-managed	Non-managed	Non-managed
Product Image	Compact Size	Compact Size	
Hardware			
10G SFP+	2 (1G Compatible)	1	2
1G/2.5G/5G/10GBase-T	-	1	-
Store and Forward	-	●	-
Auto-MDI/MDI-X	-	●	-
Auto-negotiation in TP Port	-	●	-
Flow Control	-		
MAC Address Table	-		
Memory Buffer	-	128K Byte	-
Jumbo Frame	9K Bytes		
Slide-in Chassis	MCT-RACK Series		CVT-RACK Series
Dimension W x D x H	51 x 74 x 20mm		71 x 94 x 26mm
Operating Temperature (Humidity)	0~50°C (5~90%)		
Power Source	12VDC		5VDC
Power Consumption	6.5W	8W	5W
Management & Features			
IEEE 802.3ah OAM	-		
TS-1000 Loopback Test	Passive Loopback	-	
QoS	-		
QoS Priority Queue	-		
Bandwidth Control	-		
VLAN	-		
VLAN ID	-		
VLAN Groups	-		
Management	In Rack Management	-	
SNMP Power Down Trap	-		
DHCP	-		
Link Fault	Signal Loss Alarm	Link Alarm	-
Firmware Upgrade	In Rack	-	
Certifications			
EMC/Safety	FCC Class A, CE		

		1G Compact Media Converter			1G Media Converter
Model Name		MCT-3612	MCT-3512*	MCT-3002	CVT-3002-PLUS
		MCT-3612-DR	MCT-3512-DR*	MCT-3002-DR	CVT-3002-PLUS-DR
		Managed	Managed	Non-managed	Non-managed
Product Image			OAM		
Hardware	10/100/1000Base-T	1	1	1	1
	10/100Base-TX	-	-	-	-
	1000Base-X	1 (BTFX/W2X/SFP)	1 (BTFX/W2X/SFP)	1 (BTFX/W2X/SFP)	1 (BTFX/W2X/SFP)
	100Base-FX **	Compatible	Compatible	Compatible	Compatible
	Store and Forward	●			
	Auto-MDI/MDI-X	●			
	Auto-negotiation in TP Port	●			
	Flow Control	-			●
	MAC Address Table	2K			
	Memory Buffer	128K Bytes			64K Bytes
	Jumbo Frame	9K Bytes			
	Slide-in Chassis	MCT-RACK Series			CVT-RACK Series
	Dimension W x D x H	51 x 74 x 20mm			71 x 94 x 26mm
	Operating Temperature (Humidity)	0~50℃ (5~90%)			
	Power Source	3.3VDC			5VDC
	Power Consumption	2.1W	2.5W	2.3W	1.5W
Management & Features	IEEE 802.3ah OAM	-	●	-	
	TS-1000 Loopback Test	-			
	QoS	-			
	QoS Priority Queue	-			
	Bandwidth Control	●		-	
	VLAN	802 1q, Q-in-Q		-	
	VLAN ID	4094		-	
	VLAN Groups	8		-	
	Management	In Rack Management	In Rack Management, Remote Management***	-	
	SNMP Power Down Trap	-			
	DHCP	-			
	Link Alarm	●	-		●
	Firmware Upgrade	In Rack		-	
Certifications	EMC/Safety	FCC Class A, CE			

* MCT-3512/MCT-3512-DR support Link Pass Through

** Only MCT-XXXX-DR/CVT-XXXX-DR compatible with 100Base-FX

*** Must be used with another MCT-3512 in a managed MCT-RACK

		100M Media Converter		Home Size Media Converter	
Model Name		CVT-100	MCT-100	FTC-3012-DR-DS*	HMC-3012
				FTC-3012-DR	
		Non-managed	Non-managed	Non-managed	Non-managed
Product Image			Compact Size		
Hardware	10/100/1000Base-T	-	-	1	1
	10/100Base-TX	1	1	-	-
	1000Base-X	-	-	1 (W2A)	1 (W2A)
	100Base-FX	1 (BTFX/W2X)	1 (BTFX/W2X/SFP)	Compatible	Compatible
	Store and Forward		●		
	Auto-MDI/MDI-X		●		
	Auto-negotiation in TP Port		●		
	Flow Control	●		-	
	MAC Address Table		2K		
	Memory Buffer	64K Bytes		128K Bytes	
	Jumbo Frame		9K Bytes		
	Slide-in Chassis	CVT-RACK Series	MCT-RACK Series	-	
	Cable Tray	-		Built-in	-
	Dimension W x D x H	71 x 94 x 26mm	51 x 74 x 20mm	150 x 150 x 53mm	88 x 88 x 27mm
	Operating Temperature (Humidity)	0~50°C (5~90%)		0~45°C (5~90%)	
	Power Source	5VDC	3.3VDC	12VDC	
	Power Consumption	1.5W	2.1W	2.04W	
Management & Features	IEEE 802.3ah OAM		-		
	TS-1000 Loopback Test		-		
	QoS		-		
	QoS Priority Queue		-		
	Bandwidth Control		-		
	VLAN		-		
	VLAN ID		-		
	VLAN Groups		-		
	Management		-		
	SNMP Power Down Trap		-		
	DHCP		-		
	Link Alarm		●	-	
	Firmware Upgrade		-		
Certifications	EMC/Safety		FCC Class A, CE		

*FTC-3012-DR-DS equipped with a 4-Pin DIP switch

Rugged 1G Media Converter		
Model Name	SRC-3002SFP-BT	SRC-3002SFP
	Non-managed	Non-managed
Product Image	PoE 90W	

		SRC-3002SFP-BT	SRC-3002SFP
Hardware	10/100/1000Base-T	1	1
	10/100Base-TX	-	-
	PoE	1 x 802.3af/at/bt PoE++	-
	1000Base-X	1 (SFP)	1 (SFP)
	100Base-FX	Compatible	Compatible
	Store and Forward	●	
	Auto-MDI/MDI-X	●	
	Auto-negotiation in TP Port	●	
	Flow Control	-	
	MAC Address Table	2K	
	Memory Buffer	128K Bytes	
	Jumbo Frame	9K Bytes	
	Slide-in Chassis	-	
	Dimension W x D x H	71 x 94 x 26mm	
	Operating Temperature (Humidity)	-20~60°C (5~95%)	-40~75°C (5~95%)
	Power Source	48~57VDC	12~57VDC
	Power Consumption	102W	2.45W
Management & Features	PSE Auto Power Off	●*	-
	Data-diode Direction	●	
	Link Alarm	●	
Certifications	EMC/Safety	FCC Class A, CE	

* Only operates when the fiber interface link goes down by the link alarm function

Industrial Force 60W PoE Media Converter		
Model Name	IPC-3014-PoE++	IPC-3012-PoE++
	Non-managed	Non-managed
Product Image	PoE 60W	PoE 60W

		IPC-3014-PoE++	IPC-3012-PoE++
Hardware	10/100/1000Base-T	2	1
	1000Base-X	2	1
	100Base-FX	Compatible	Compatible
	Digital Output	●	
	PoE	1 x up to Force 60W PoE + 1 x 802.3af/at PoE+	1 x up to Force 60W PoE or 1 x 802.3af/at PoE+
	PoE Budget (Max.)	90W	60W
	Power Connector	Terminal Block	
	Power Source	12~57VDC Dual Input	
	Power Consumption	96W	64.8W
	Store and Forward	●	
	Auto-MDI/MDI-X	●	
	Auto-negotiation in Fiber Port	●	
	MAC Address Table	2K	
	Memory Buffer	128K Bytes	
	Jumbo Frame	9K Bytes	
	Link Alarm	●*	
	Dimension W x D x H	36 x 110 x 135mm	
	Operating Temperature (Humidity)	-40~75°C (5~90%)	
	Network Redundancy	Fiber Backup Mode	-
Certifications	EMC/Safety	FCC Class A, CE	
	Stability	IEC 60068-2-27 (Shock), IEC 60068-2-32 (Freefall), IEC 60068-2-6 (Vibration)	
	Surge	ITU-T K.21 Enhanced Level 6KV	

* Customer should inform CTS before manufacturing if they request for adding link alarm function

Industrial Media Converter		
Model Name	IAC-3014	IAC-3012
	Non-managed	Non-managed
Product Image		
Hardware		
10/100/1000Base-T	2	1
1000Base-X	2	1
100Base-FX	Compatible	Compatible
Digital Output	●	
Power Connector	Terminal Block	
Power Source	12~48VDC Dual Input	
Power Consumption	4.8W	3.4W
Store and Forward	●	
Auto-MDI/MDI-X	●	
Auto-negotiation in Fiber Port	●	
MAC Address Table	2K	
Memory Buffer	128K Bytes	
Jumbo Frame	9K Bytes	
Link Alarm	●*	
Dimension W x D x H	36 x 110 x 135mm	
Operating Temperature (Humidity)	-40~75℃ (5~90%)	
Network Redundancy	Fiber Backup Mode	-
Certifications		
EMC/Safety	FCC Class A, CE	
Stability	IEC 60068-2-27 (Shock), IEC 60068-2-32 (Freefall), IEC 60068-2-6 (Vibration)	
Surge	ITU-T K.21 Enhanced Level 6KV	

* Customer should inform CTS before manufacturing if they request for adding link alarm function

10G Ethernet SFP+ Transceiver

Product Image

MODEL	SFP-51					
	Speed (Gbps)	Type	Connector	Distance	Wavelength (nm)	Temperature
SFP-51FC	10	MM	LC	300M	850	0~70°C
SFP-51FC(SM-02/10/20/40)	10	SM	LC	2/10/20/40KM	1310/1310/1310/1550	0~70°C
SFP-51W2A(SM-10/20/40)	10	WDM	LC	10/20/40KM	TX:1270/1270/1270 RX:1330/1330/1330	0~70°C
SFP-51W2B(SM-10/20/40)	10	WDM	LC	10/20/40KM	TX:1330/1330/1330 RX:1270/1270/1270	0~70°C

Gigabit Ethernet SFP Transceiver

Product Image

MODEL	SFP-31-DR					
	Speed (Mbps)	Type	Connector	Distance	Wavelength (nm)	Temperature
SFP-31FC-DR	100/1000	MM	LC	550M/2KM	1310	0~70°C
SFP-31FC(SM-10/20)-DR	100/1000	SM	LC	10/20KM	1310/1310	0~70°C
SFP-31W2A(SM-10/20)-DR	100/1000	WDM	LC	10/20KM	TX:1310/1310 RX:1550/1550	0~70°C
SFP-31W2B(SM-10/20)-DR	100/1000	WDM	LC	10/20KM	TX:1550/1550 RX:1310/1310	0~70°C

Product Image

MODEL	SFP-31					
	Speed (Mbps)	Type	Connector	Distance	Wavelength (nm)	Temperature
SFP-31FC	1000	MM	LC	550M	850	0~70°C
SFP-31FC(SM-10/20/40)	1000	SM	LC	10/20/40KM	1310/1310/1310	0~70°C
SFP-31W2A(SM-10/20/40)	1000	WDM	LC	10/20/40KM	TX:1310/1310/1310 RX:1550/1550/1550	0~70°C
SFP-31W2B(SM-10/20/40)	1000	WDM	LC	10/20/40KM	TX:1550/1550/1550 RX:1310/1310/1310	0~70°C

Copper Ethernet SFP Transceiver

Product Image

MODEL	SFP-50/30TP					
	Speed (Gbps)	Type	Connector	Distance	Wavelength (nm)	Temperature
SFP-50TP-MG(30M)	1/2.5/5/10	-	RJ-45	30M	-	0~65°C
SFP-30TP	1	-	RJ-45	100M	-	0~70°C

Industrial 10G Ethernet SFP+ Transceiver

Product Image

MODEL	SFP-51-D					
	Speed (Gbps)	Type	Connector	Distance	Wavelength (nm)	Temperature
SFP-51FC(SM-02)-D	10	SM	LC	2KM	1310	-40~85°C

Industrial Gigabit Ethernet SFP Transceiver

Product Image

MODEL	SFP-31-D					
	Speed (Mbps)	Type	Connector	Distance	Wavelength (nm)	Temperature
SFP-31FC-D	1000	MM	LC	550M	850	-40~85°C
SFP-31FC(MM-02)-D	1000	MM	LC	2KM	1310	-40~85°C
SFP-31FC(SM-10/20)-D	1000	SM	LC	10/20KM	1310/1310	-40~85°C
SFP-31W2A(SM-10/20)-D	1000	WDM	LC	10/20KM	TX:1310/1310 RX:1550/1550	-40~85°C
SFP-31W2B(SM-10/20)-D	1000	WDM	LC	10/20KM	TX:1550/1550 RX:1310/1310	-40~85°C

Lightning Protector

Product Image

MODEL	LPB-101						
	Copper Port				Temperature	Dimension W x D x H	Note
	Speed (Mbps)	Type	Input Port	Output Port			
LPB-101G-P	10/100/1000	RJ-45 w/ PoE	1	1	0~50°C	70 x 25 x 25mm	It is necessary to be grounding properly when implementing.
LPB-101G	10/100/1000	RJ-45	1	1	0~50°C	70 x 25 x 25mm	

External Battery Unit

Product Image

MODEL	EBU-120						
	DC Input	External Battery (Recommended Spec.)		Charging/Backup (for reference)		Temperature	Dimension W x D x H
	Voltage	Type	Capacity	Charging Time	Backup Time		
EBU-120	12V	VRLA	12V/2.3Ah	7hrs	2.2hrs (for HES-3109SSFP)	0~50°C	124 x 70 x 30mm

Power Supply

Product Image

MODEL	Output			Input	Protection	Temperature	Dimension W x D x H
	Rated Power	Voltage Adj. Range*	Current Range	Voltage Range			
SDR-480-48	480W	48~55V	0~10A	90~264VAC 127~370VDC	Overload, Over Voltage, Over Temperature	-25~70°C	85.5 x 128.5 x 125.2mm
SDR-240-48	240W		0~5A	88~264VAC 124~370VDC			63 x 113.5 x 125.2mm
SDR-120-48	120W		0~2.5A				40 x 113.5 x 125.2mm
SDR-75-48	76.8W		0~1.6A			-30~70°C	32 x 102 x 125.2mm
NDR-480-48	480W	48~55V	0~10A	90~264VAC 127~370VDC	Overload, Over Voltage, Over Temperature	-20~70°C	85.5 x 128.5 x 125.2mm
NDR-240-48	240W		0~5A				63 x 113.5 x 125.2mm
NDR-120-48	120W		0~2.5A				40 x 113.5 x 125.2mm
NDR-75-48	76.8W		0~1.6A				32 x 102 x 125.2mm
MDR-60-48	60W	48~56V	0~1.25A	85~264VAC 120~370VDC	Overload, Over Voltage	-20~70°C	40 x 100 x 90mm
MDR-20-12	20W	10.8~13.2V	0~1.67A			-20~70°C	22.5 x 100 x 90mm

* Output Voltage Tolerance: ± 1.0%

Memo

Memo

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