



Product Portfolio

CTS Inc.	info@ctsystem.com	+886-2-26989201
Japan	cts_japan@ctsystem.com	+81-6-6450-8890
Northern Europe	info@ctsystem.se	+46-31-221980
Central Europe	cts_ce@ctsystem.com	+43 1 343 9553 50
USA	cts_us@ctsystem.com	+1 510 509 0305
India	cts_in@ctsystem.com	+91 97403 08261

About Connection Technology Systems

Founded in 1998, CTS is an in-house designer, manufacturer and leading network solution provider for fiber communication products.

By gathering a team of innovative, passionate and accountable professionals, we offer exceptional services, quality products, and customized solutions for telecoms, network operators, and broadband service providers all over the world.

▼ Switch Product Line

L2+ Managed 100G Fiber Switch		L2+ Managed 10G Fiber Switch		L2 Managed 10G Fiber Switch			L2 Managed Gigabit Fiber Switch	
Dual Power Input Available in 2026		Dual Power Input Upcoming		Dual Power Input	Dual Power Input	Dual Power Input, 8.5-inch	Dual Power Input	8.5-inch, Fanless
XFS-7130-6HG		XFS-5112		FOS-5152	FOS-5128	FOS-5112	FOS-3128	FOS-3114
• 100/40G QSFP28 slot x 6 • 10/1G SFP+ slot x 24 • Digital input supported • Redundant & Hot-swappable power system		• 10/1G SFP+ slot x 12 • Digital input supported • Redundant power system		• 10/1GBase-R SFP+ slot x 4 • 1000/100Base-X SFP slot x 48 • Digital input supported • Redundant power system	• 10/1GBase-R SFP+ slot x 4 • 1000/100Base-X SFP slot x 24 • Digital input supported • Redundant power system	• 10/1GBase-R SFP+ slot x 4 • 1000/100Base-X SFP slot x 8 • Digital input supported	• 1000/100Base-X SFP slot x 28 • 1000/100/10Base-T port x 4 shared with port-25 to 28 • Redundant power system	• 1000/100Base-X SFP slot x 14 • Digital input supported
- Console, Telnet, SSHv2, CLI, Web, SNMP managed - IPv4/IPv6 dual stack - MSTP/ERPS/STP/RSTP/Fast Ring v2 - VLAN 802.1q, Q-in-Q, Selective Q-in-Q - QoS 802.1p, CoS/DSCP		- Bandwidth control, Storm control - IGMP Snooping v1, v2, v3, filter and fast leave - MLD Snooping v1, v2 - 802.3ad LACP, port trunking, LLDP - DHCP client, snooping, auto provisioning		- 802.1X MAB, ACL, built-in RADIUS/TACACS+ client - NETCONF - Static routing	- Console, Telnet, SSHv2, CLI, Web, SNMP managed - IPv4/IPv6 dual stack - MSTP*/ERPS*/STP/RSTP/Fast Ring v2 - VLAN 802.1q, Q-in-Q, Selective Q-in-Q	- QoS 802.1p, CoS/DSCP - Bandwidth control, Storm control - IGMP Snooping v1, v2, v3, filter and fast leave - MLD Snooping v1, v2	- 802.3ad LACP, port trunking, LLDP - DHCP client, snooping, auto provisioning - 802.1X MAB, ACL, built-in RADIUS/TACACS+ client - NETCONF*	- Console, Telnet, SSHv2, CLI, Web, SNMP managed - IPv4/IPv6 dual stack - STP/RSTP/Fast Ring v2 - VLAN 802.1q, Q-in-Q - QoS 802.1p, CoS/DSCP

L2 Managed 10/1G Ethernet Switch						L2 Managed 10/1G PoE Switch			
10G, Dual Power Input	10G, 2.5G Available in 2026	10G, 2.5G Available in 2026	10G, Multi-G, 8.5-inch	Dual Power Input		90W PoE, 10G, 2.5G Available in 2026	90W PoE, 10G, 2.5G Available in 2026	90W PoE, 10G, Multi-G, 8.5-inch New	30W PoE
ESW-5128	ESW-5120-16M2	ESW-5112-8M2	ESW-5112-2MG	ESW-3128	SWH-3112	EPS-5120-16M2-4BT	EPS-5112-8M2-8BT	EPS-5112-8BT	EPS-3128 EPS-3128-LP
• 10/1GBase-R SFP+ slot x 4 • 1000/100/10Base-T port x 24 • Digital input supported • Redundant power system	• 10/1GBase-R SFP+ slot x 4 • 2.5G/1GBase-T port x 16 • Digital input supported • Redundant power system	• 10/1GBase-R SFP+ slot x 4 • 2.5G/1GBase-T port x 8 • Digital input supported • Redundant power system	• 10/1GBase-R SFP+ slot x 2 • 10/5/2.5/1GBase-T port x 2 • 1000/100/10Base-T port x 8 • Digital input supported • Redundant power system	• 1000/100/10Base-T port x 28 • 1000/100Base-X SFP slot x 4 shared with port-25 to 28 • Redundant power system	• 1000/100/10Base-T port x 12 • 1000/100Base-X SFP slot x 4 shared with port-9 to 12	• 10/1GBase-R SFP+ slot x 4 • 2.5G/1GBase-T with 802.3bt PoE++ port x 4 • 2.5G/1GBase-T with 802.3at PoE+ port x 12 • Digital input supported • 360W PoE budget	• 10/1GBase-R SFP+ slot x 4 • 2.5G/1GBase-T with 802.3bt PoE++ port x 8 • Digital input supported • 200W PoE budget	• 10/1GBase-R SFP+ slot x 2 • 10G/5G/2.5G/1GBase-T port x 2 • 1000/100/10Base-T with 802.3bt PoE++ port x 8 • Digital input supported • 200W PoE budget	• 1000/100/10Base-T with 802.3at PoE+ port x 24 • 1000/100Base-X SFP slot x 4 • 1000/100/10Base-T port x 4 shared with port-25 to 28 • 240/480W PoE budget
- Console, Telnet, SSHv2, CLI, Web, SNMP managed - IPv4/IPv6 dual stack - STP/RSTP/Fast Ring v2 - VLAN 802.1q, Q-in-Q, Selective Q-in-Q - QoS 802.1p, CoS/DSCP - Bandwidth control, Storm control		- IGMP Snooping v1, v2, v3, filter and fast leave - MLD Snooping v1, v2 - 802.3ad LACP, port trunking, LLDP - DHCP client, snooping, auto provisioning - 802.1X MAB, ACL, built-in RADIUS/TACACS+ client		- Console, Telnet, SSHv2, CLI, Web, SNMP managed - IPv4/IPv6 dual stack - STP/RSTP/Fast Ring v2 - VLAN 802.1q, Q-in-Q - QoS 802.1p, CoS/DSCP - Bandwidth control, Storm control - IGMP Snooping v1, v2, v3, filter and fast leave	- MLD Snooping v1, v2 - 802.3ad LACP, port trunking, LLDP - DHCP client, snooping, auto provisioning - 802.1X MAB*, ACL, built-in RADIUS/TACACS+ client	- Console, Telnet, SSHv2, CLI, Web, SNMP managed - IPv4/IPv6 dual stack - STP/RSTP/Fast Ring v2 - VLAN 802.1q, Q-in-Q, Selective Q-in-Q** - QoS 802.1p, CoS/DSCP - Bandwidth control, Storm control	- Console, Telnet, SSHv2, CLI, Web, SNMP managed - IPv4/IPv6 dual stack - MLD Snooping v1, v2 - 802.3ad LACP, port trunking, LLDP - DHCP client, snooping, auto provisioning - 802.1X MAB**, ACL, built-in RADIUS/TACACS+ client	- IGMP Snooping v1, v2, v3, filter and fast leave - MLD Snooping v1, v2 - 802.3ad LACP, port trunking, LLDP - DHCP client, snooping, auto provisioning - 802.1X MAB**, ACL, built-in RADIUS/TACACS+ client	- PoE power scheduling and statistics for power/energy consumption* ** Supported on EPS-51xx series

Media Converter Product Line ▼

L2 Managed CPE Switch			16-slot Media Chassis	10G Managed Media Converter		10G Media Converter		Gigabit Ethernet Media Converter
10G, 2.5G Available in 2026	10G, Multi-G New				Managed, Multi-G New	Multi-G New		
HES-5108SFP+	HES-5105SFP+	HES-3106-SE	CVT-RACK-16 CVT-RACK-16S	Applicable accessories	CVT-5102SFP-MG	CVT-5002SFP-MG	CVT-5002SFP+	CVT-3002-PLUS CVT-3002-PLUS-DR
• 10/1GBase-R SFP+ slot x 1 • 2.5G/1GBase-T port x 7 • Optional cable tray	• 10/1GBase-R SFP+ slot x 1 • 10G/5G/2.5G/1GBase-T port x 1 • 2.5G/1GBase-T port x 3 • Optional cable tray	• 1000/100Base-X fiber port x 1 • 1000/100/10Base-T port x 5 • Optional cable tray	• 16 slots for CVT media converters • 3 hot-swappable fan modules • 2 hot-swappable redundancy power modules (16 only) • Optional AC or DC power modules (16 only) • Fixed AC power supply (16S only)	Matching products : • CVT-5102/5002/3002/100 series	• 10/1G SFP+ to 10/5/2.5/1G RJ-45 • 4K MAC address table • 16K Bytes Jumbo frame	• 10/1G SFP+ to 10/5/2.5/1G RJ-45 • 4K MAC address table • 16K Bytes Jumbo frame	• 10G fiber to 10G fiber • 9K Bytes Jumbo frame • Compatible with CVT-RACK-16(S)	• 1000/100/10M RJ-45 to 1000/100M fiber • 2K MAC address table • 9K Bytes Jumbo frame • Compatible with CVT-RACK-16(S)
- Telnet, SSHv2, CLI, Web, SNMP managed - IPv4/IPv6 dual stack - VLAN 802.1q, Q-in-Q - QoS 802.1p, CoS/DSCP - Bandwidth control, Storm control	- IGMP Snooping v1, v2, v3 - MLD Snooping v1, v2 - Loop detection, port mirroring - DHCP client, snooping, auto provisioning - Built-in RADIUS/TACACS+ client**	** TACACS+ supported only on HES-51xx series		- Telnet, SSHv2, CLI, Web, SNMP managed - IPv4/IPv6 dual stack - VLAN 802.1q, Q-in-Q - QoS 802.1p, CoS/DSCP - Bandwidth control, Storm control - DHCP client, snooping, auto provisioning	- Built-in RADIUS/TACACS+ client			

* Coming soon

▼ Compact Size Media Converter Product Line

18/12-slot Compact Size Media Chassis			10G Compact Size Media Converter		Gigabit Compact Size Media Converter			Gigabit Home Size Media Converter	
Managed		Managed	Multi-G		Managed, OAM	Managed		Wall-mounted	Wall-mounted
									
MCT-RACK-18-MGM	MCT-RACK-18	MCT-RACK-12 MCT-RACK-12-MGM	MCT-5002SFP+	MCT-5002FSMSFP+	MCT-3512 MCT-3512-DR	MCT-3612 MCT-3612-DR	MCT-3002 MCT-3002-DR	FTC-3012	HMC-3012
• 18 slots for MCT media converters • 2 hot-swappable redundancy power modules • Optional AC or DC power modules • RS-232 to RJ-45 console port x 1 • 100/10Base-T RJ-45 Ethernet port x 1 • USB 2.0 Type A x 1 • DI x 1 / DO x 1	• 18 slots for MCT media converters • 2 fixed redundancy power supplies • Optional AC or DC power supply	• 12 slots for MCT media converters • 2 hot-swappable redundancy power modules • Optional AC or DC power modules • RS-232 to RJ-45 console port x 1 (-MGM only) • 100/10Base-T RJ-45 Ethernet port x 1 (-MGM only) • USB 2.0 Type A x 1 (-MGM only) • DI x 1 / DO x 1 (-MGM only)	• 10G/5G/2.5G/1G/100M RJ-45 to 10G fiber • 9K Bytes Jumbo frame • Compatible with MCT-RACK-18(-MGM)/12(-MGM)/2	• 10G fiber to 10G fiber • 9K Bytes Jumbo frame • Compatible with MCT-RACK-18(-MGM)/12(-MGM)/2	• 1000/100/10M RJ-45 to 1000/100M ** fiber • 2K MAC address table • 9K Bytes Jumbo frame • Compatible with MCT-RACK-18(-MGM)/12(-MGM)/2 ** 100M supported only on -DR model	• 1000/100/10M RJ-45 to 1000/100M ** fiber • 2K MAC address table • 9K Bytes Jumbo frame • Compatible with MCT-RACK-18(-MGM)/12(-MGM)/2 ** 100M supported only on -DR model	• 1000/100/10M RJ-45 to 1000/100M ** fiber • 2K MAC address table • 9K Bytes Jumbo frame • Compatible with MCT-RACK-18(-MGM)/12(-MGM)/2 ** 100M supported only on -DR model	• 1000/100/10M RJ-45 to 1000/100M fiber • 2K MAC address table • 9K Bytes Jumbo frame • Built-in cable tray	• 1000/100/10M RJ-45 to 1000/100M fiber • 2K MAC address table • 9K Bytes Jumbo frame
- Console, Telnet, CLI, Web, SNMP managed		- Console, Telnet, CLI, Web, SNMP managed (-MGM only) - Smart fan			- Bandwidth control - VLAN 802.1q, Q-in-Q - Link alarm - Port status, counter, DMI - 802.3ah OAM	- Bandwidth control - VLAN 802.1q, Q-in-Q - Link alarm - Port status, counter, DMI			

► Home Size Media Converter Product Line ▼

▼ Rugged Media Converter Product Line

10G Rugged Media Converter		Gigabit Rugged Media Converter	Industrial Media Converter Product Line				L2 10G Managed Rugged Switch	L2 Gigabit Managed Rugged Switch
Managed								
								
SRC-5102SFP-MG	SRC-5002SFP-MG SRC-5002SFP-MG-BT	SRC-3002SFP SRC-3002SFP-BT	IPC-3014-PoE++	IPC-3012-PoE++	IAC-3014	IAC-3012	SRS-5110 SRS-5110-8BT	SRS-3106 SRS-3106-4BT
• 10/1G Base-X SFP+ slot x 1 • 10/5/2.5/1G Base-T RJ-45 port x 1 • 12~57VDC input • -20~60°C wide operating temperature • 4K MAC address table • 16K Bytes Jumbo frame	• 10/1G Base-X SFP+ slot x 1 • 10/5/2.5/1G Base-T RJ-45 with 802.3bt PoE++ port x 1 ** • 60W PoE Budget ** • 12~57VDC input (SRC-5002SFP-MG) • 48~57VDC input (SRC-5002SFP-MG-BT) • -20~60°C wide operating temperature • 4K MAC address table • 16K Bytes Jumbo frame ** PoE function supported only on SRC-5002SFP-MG-BT	• 1000/100Base-X SFP slot x 1 • 1000/100/10Base-T with 802.3bt PoE++ port x 1 ** • 90W PoE Budget ** • 12~57VDC input (SRC-3002SFP) • 48~57VDC input (SRC-3002SFP-BT) • -20~60°C wide operating temperature ** PoE function supported only on SRC-3002SFP-BT	• 1000/100/10Base-T with 802.3at PoE+ port x 1 • 1000/100/10Base-T with Force 60W PoE port x 1 • 1000/100Base-X SFP slot x 2 • 90W PoE budget • 12~57VDC dual redundant power system • DIP switch for Switch, Dual Media Converter & Fiber Backup mode • -40~75°C wide operating temperature	• 1000/100/10Base-T with Force 60W PoE port x 1 • 1000/100Base-X SFP slot x 1 • 60W PoE budget • 12~57VDC dual redundant power system • -40~75°C wide operating temperature	• 1000/100/10Base-T port x 2 • 1000/100Base-X SFP slot x 2 • 12~48VDC dual redundant power system • DIP switch for Switch, Dual Media Converter & Fiber Backup mode • -40~75°C wide operating temperature	• 1000/100/10Base-T port x 1 • 1000/100Base-X SFP slot x 1 • 12~48VDC dual redundant power system • -40~75°C wide operating temperature	• 10/1GBase-X SFP+ slot x 2 • 1000/100/10Base-T with 802.3bt PoE++ port x 8 ** • PoE Budget 300W ** • 12~57VDC dual redundant power system (SRS-5110) • 48~57VDC dual redundant power system (SRS-5110-8BT) • -20~60°C wide operating temperature ** PoE function supported only on SRS-5110-8BT	• 1000/100Base-X SFP slot x 2 • 1000/100/10Base-T with 802.3bt PoE++ port x 4 ** • PoE Budget 300W ** • 12~57VDC dual redundant power system (SRS-3106) • 48~57VDC dual redundant power system (SRS-3106-4BT) • -20~60°C wide operating temperature ** PoE function supported only on SRS-3106-4BT
- Telnet, SSHv2, CLI, Web, SNMP managed - IPv4/IPv6 dual stack - VLAN 802.1q, Q-in-Q - QoS 802.1p, CoS/DSCP - Bandwidth control, Storm control - DHCP client, snooping, auto provisioning - Built-in RADIUS/TACACS+ client							- Console, Telnet, SSHv2, CLI, Web, SNMP managed - IPv4/IPv6 dual stack - ERPS/STP/RSTP/Fast Ring v2 - VLAN 802.1q, Q-in-Q, Selective Q-in-Q - QoS 802.1p, CoS/DSCP - Bandwidth control, Storm control - IGMP Snooping v1, v2, v3, filter and fast leave - MLD Snooping v1, v2 - 802.3ad LACP, port trunking, LLDP - DHCP client, snooping, auto provisioning - 802.1X MAB, ACL, built-in RADIUS/TACACS+ client	- Console, Telnet, SSHv2, CLI, Web, SNMP managed - IPv4/IPv6 dual stack - STP/RSTP/Fast Ring v2 - VLAN 802.1q, Q-in-Q - QoS 802.1p, CoS/DSCP - Bandwidth control, Storm control - IGMP Snooping v1, v2, v3 and fast leave - MLD Snooping v1, v2 - Loop detection, port mirroring, LLDP - DHCP client, snooping, auto provisioning - Built-in RADIUS/TACACS+ client

▼ Industrial Switch Product Line

L2 Industrial Managed 10G PoE Switch	L2 Industrial Managed Gigabit PoE Switch				L2 Managed Gigabit Switch
90W PoE, 10G	30W PoE, Power Booster	30W PoE	30W PoE, Power Booster	30W PoE	
					
IPS-5112-8BT	IPS-3110-PB	IPS-3110	IPS-3106-SE-PB	IPS-3106-SE	IES-3110
• 10/1GBase-X SFP+ slot x 4 • 1000/100/10Base-T with 802.3bt PoE++ port x 8 • 300W PoE budget	• 1000/100/10Base-T with 802.3at PoE+ port x 8 • 1000/100Base-X SFP slot x 2 • 1000/100/10Base-T port x 2 shared with port-9 to 10 • 240W PoE budget • -40~75°C wide operating temperature • 24~54VDC dual redundant power system	• 1000/100/10Base-T with 802.3at PoE+ port x 8 • 1000/100Base-X SFP slot x 2 • 1000/100/10Base-T port x 2 shared with port-9 to 10 • 240W PoE budget • -40~75°C wide operating temperature • 48~54VDC dual redundant power system	• 1000/100/10Base-T with 802.3at PoE+ port x 4 • 1000/100Base-X SFP slot x 2 • 120W PoE budget • -40~75°C wide operating temperature • 24~54VDC dual redundant power system	• 1000/100/10Base-T with 802.3at PoE+ port x 4 • 1000/100Base-X SFP slot x 2 • 120W PoE budget • -40~75°C wide operating temperature • 48~54VDC dual redundant power system	• 1000/100/10Base-T port x 10 • 1000/100Base-X SFP slot x 2 shared with port-9 to 10 • -40~75°C wide operating temperature • 12~54VDC dual redundant power system
- Console, Telnet, SSHv2, CLI, Web, SNMP managed - IPv4/IPv6 dual stack - ERPS/STP/RSTP/Fast Ring v2 - VLAN 802.1q, Q-in-Q, Selective Q-in-Q - QoS 802.1p, CoS/DSCP - Bandwidth control, Storm control - IGMP Snooping v1, v2, v3, filter and fast leave - MLD Snooping v1, v2 - 802.3ad LACP, port trunking, LLDP - DHCP client, snooping, auto provisioning - 802.1X MAB, ACL, built-in RADIUS/TACACS+ client	- Console, Telnet, SSHv2, CLI, Web, SNMP managed - STP/RSTP/Fast Ring v2 - VLAN 802.1q, Q-in-Q - QoS 802.1p, CoS/DSCP - Bandwidth control, Storm control	- IGMP Snooping v1, v2 and fast leave - 802.3ad LACP, port trunking, LLDP - DHCP client, snooping, auto provisioning - 802.1X MAB, ACL, built-in RADIUS client	- Console, Telnet, SSHv2, CLI, Web, SNMP managed - IPv4/IPv6 dual stack - STP/RSTP/Fast Ring v2 - VLAN 802.1q, Q-in-Q - QoS 802.1p, CoS/DSCP - Bandwidth control, Storm control	- IGMP Snooping v1, v2, v3, filter and fast leave - MLD Snooping v1, v2 - 802.3ad LACP, port trunking, LLDP - DHCP client, snooping, auto provisioning - 802.1X MAB, ACL, built-in RADIUS/TACACS+ client	- Console, Telnet, SSHv2, CLI, Web, SNMP managed - STP/RSTP/Fast Ring v2 - VLAN 802.1q, Q-in-Q - QoS 802.1p, CoS/DSCP - Bandwidth control, Storm control - IGMP Snooping v1, v2 and fast leave - 802.3ad LACP, port trunking, LLDP - DHCP client, snooping, auto provisioning - 802.1X MAB, ACL, built-in RADIUS client



Fiber Ethernet Solutions



Media Converter Solutions



Industrial / Rugged Solutions