![Chipsmall logo]

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

# atop
Technologies

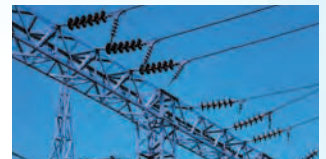## Atop Technologies, Inc.

# Gateway to Networks

Ethernet Switches

Serial Device Servers

Fieldbus Gateways

Wireless

Media Converters

Accessories

## Serial Device Servers — Entry Level

### Small Form Factor
IP30 Rated IEC/EN60529 · 0°C–60°C

| Model | Description | |
|---|---|---|
| GW51C-MAXI-WDT | 1-Port Serial Device Servers, DIN-Rail, Terminal Block & Mini-DIN(F) | |
| SE5002(DB) | 2-Port Serial Device Servers, Supporting RS232/422/485, DB9(M) |  |
| SE5002-S55is(TB) | 2-Port Serial Device Servers, Terminal Block, 2KV Magnetic Isolation |  |

## Serial Device Servers — Advanced

### Field Type Mounting
IP50 Rated IEC/EN60529 · 0°C–60°C · Industrial EMC

| Model | Description |
|---|---|
| SE5001A | 1-Port Serial Device Servers, Supporting RS232/422/485, DB9(M) |
| SE5001A-TB | 1-Port Serial Device Servers, Supporting RS232/422/485, Terminal Block |

### DIN-Rail Type Mounting
IP50 Rated IEC/EN60529 · 0°C–60°C · Industrial EMC

| Model | Description |
|---|---|
| SE5002D | 2-Port Serial Device Servers with RJ-45, Supporting RS232/422/485, DB9(M) |
| SE5002D-TB | 2-Port Serial Device Servers with RJ-45, Supporting RS232/422/485, Terminal Block |
| SE5002D-Fm | 2-Port Serial Device Servers with Multimode Fiber Optic, Supporting RS232/422/485, DB9(M) |
| SE5002D-Fs | 2-Port Serial Device Servers with Single-mode Fiber Optic, Supporting RS232/422/485, DB9(M) |
| SE5002D-TB-Fm | 2-Port Serial Device Servers with Multimode Fiber Optic, Supporting RS232/422/485, Terminal Block |
| SE5002D-TB-Fs | 2-Port Serial Device Servers with Single-mode Fiber Optic, Supporting RS232/422/485, Terminal Block |
| SE5002D-SFP | 2-Port Serial Device Servers with SFP, Supporting RS232/422/485, DB9(M) |
| SE5002D-TB-SFP | 2-Port Serial Device Servers with SFP, Supporting RS232/422/485, Terminal Block |

### 1U Rack Mountable
IP30 Rated IEC/EN60529 · 0°C–60°C · Industrial EMC

| Model | Description |
|---|---|
| SE5408A | 8-Port Industrial Serial Device Servers, RJ-45, 2.5KV Isolation, AC 100-260V or DC 24-48V , Supporting RS232 or RS422/485 |
| SE5416A | 16-Port Industrial Serial Device Servers, RJ-45, 2.5KV Isolation, AC 100-260V or DC 24-48V , Supporting RS232 or RS422/485 |
| SE5408A2-N | 8-Port Industrial Serial Device Servers, RJ-45, AC 100-260V or DC 24-48V , Supporting RS232/422/485 Software Selectable |
| SE5416A2-N | 16-Port Insustrial Serial Device Servers, RJ-45, AC 100-260V or DC 24-48V , Supporting RS232/422/485 Software Selectable |

## Serial Device Servers — Harsh Environments

### DIN-Rail



| | |
|---|---|
| SE5404D | Industrial 4-Port Serial Device Servers, DIN-Rail, D-Sub(M) |
| SE5404D-TB | Industrial 4-Port Serial Device Servers, DIN-Rail, Terminal Block |
| SE5404D-Sis | Industrial 4-Port Serial Device Servers, DIN-Rail, Terminal Block, 2KV Isolation |

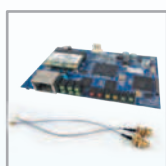## Serial Device Servers — Industry-specific

### IP68



| | |
|---|---|
| SE8502-M12 | IP68 Rated 2-Port Serial Device Servers |
| SE8502-M12 (DIN-Rail) | IP68 Rated 2-Port Serial Device Servers with DIN-Rail Mounting Kit |
| SE8502-Sis-M12 | IP68 Rated 2-Port Serial Device Server, 2KV Isolation |
| SE8502-Sis-M12 (DIN-Rail) | IP68 Rated 2-Port Serial Device Server, 2KV Isolation with DIN-Rail Mounting Kit |

## Serial Device Servers — Embedded Module

| | |
|---|---|
| SW1501T | 1-port Wireless IEEE 802.11 a/b/g/n Serial Device Server, Single Board, LDO=3.3V, 4 GPIO, no Atop STD Firmware, Antenna is not Included |
| SW1501 | 1-port Wireless IEEE 802.11 a/b/g/n Serial Device Server, Dual Boards, D-Sub(M), 9-48VDC, 4 GPIO, no Atop STD Firmware, Antenna is not Included |
| SW1502T | 2-port Wireless IEEE 802.11 a/b/g/n Serial Device Server, Dual Boards, LDO=3.3V, 4 GPIO, no Atop STD Firmware, Antenna is not Included |
| SW1502 | 2-port Wireless IEEE 802.11 a/b/g/n Serial Device Server, Dual Boards, D-Sub(M), 9-48VDC, 4 GPIO, no Atop STD Firmware, Antenna is not Included |
| SW1501S | 1-port Wireless IEEE 802.11 a/b/g/n Serial Device Server, Dual Boards, D-Sub(M), 9-48VDC, 4 GPIO, no Atop STD Firmware, Antenna is not Included |
| SW1501S SDK | Software Development Kit for 1-port Wireless IEEE 802.11 a/b/g/n Serial Device Server |

| | Wireless | IEEE 802.11 a/b/g/n |
|---|---|---|

## Serial Device Servers

IP50 Rated IEC/EN60529 · -20°C/60°C · MIMO Tx/Rx · WDS · Industrial EMC

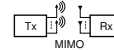| SW5501 | Industrial Wireless 802.11 a/b/g/n Serial Device Server with 1-Serial Port, D-Sub(M) |
|---|---|
| SW5501-TB | Industrial Wireless 802.11 a/b/g/n Serial Device Server with 1-Serial Port, Terminal Block |
| SW5501-Sis | Industrial Wireless 802.11 a/b/g/n Serial Device Server with 1-Serial Port, Terminal Block, 2KV Isolation |
| SW5502 | Industrial Wireless 802.11 a/b/g/n Serial Device Server with 2-Serial Port, D-Sub(M) |
| SW5502-TB | Industrial Wireless 802.11 a/b/g/n Serial Device Server with 2-Serial Port, Terminal Block |
| SW5502-Sis | Industrial Wireless 802.11 a/b/g/n Serial Device Server with 2-Serial Port, Terminal Block, 2KV Isolation |

## Access Point

IP50 Rated IEC/EN60529 · -20°C/60°C · MIMO Tx/Rx · WDS · Industrial EMC

| AW5500 | Industrial IEEE 802.11 a/b/g/n Wireless AP/Bridge |
|---|---|

| | Wireless | IEEE 802.11 b/g/n |
|---|---|---|

## Serial Device Servers

IP50 Rated IEC/EN60529 · -20°C/60°C · WDS

| SW5501C | Industrial Wireless 802.11 b/g/n Serial Device Server with 1-Serial Port, D-Sub(M) , or Terminal Block, Supporting Wi-Fi Direct |
|---|---|
| SW5502C | Industrial Wireless 802.11 b/g/n Serial Device Server with 2-Serial Port, D-Sub(M), Supporting Wi-Fi Direct |
| SW5502C-TB | Industrial Wireless 802.11 b/g/n Serial Device Server with 2-Serial Port, Terminal Block, Supporting Wi-Fi Direct |

## Access Point

IP50 Rated IEC/EN60529 · -20°C/60°C · WDS

| AW5500C | Industrial IEEE 802.11 b/g/n Wireless AP/Bridge Supporting Wi-Fi Direct |
|---|---|

| | Wireless | 3GPP Serial/Cellular Gateway |
|---|---|---|

## DIN-Rail

IP30 Rated IEC/EN60529 · -20°C/75°C

| SC5902 | 2-Port Industrial Serial-Cellular Gateway |
|---|---|

Coming Soon

| Media Converters | Ethernet-to-Fiber |
|---|---|

## DIN-Rail

**IP50** Rated
IEC/EN60529  -20°C 70°C

| | |
|---|---|
| EF23-1-1Fm-SC-2 | Industrial-grade Fast Ethernet-to-Fiber Media Converter, Multimode, SC Connector, 2 KM |
| EF23-1-1Fs-SC-30 | Industrial-grade Fast Ethernet-to-Fiber Media Converter, Single-mode, SC Connector, 30 KM |
| EF23-1G-1Fm-SC-550M | Industrial-grade Gigabit Ethernet-to-Fiber Media Converter, Multimode, SC Connector, 550 M |
| EF23-1G-1Fs-SC-10 | Industrial-grade Gigabit Ethernet-to-Fiber Media Converter, Single-mode, SC Connector, 10 KM |
| EF23-1G-1SFP | Industrial-grade Gigabit Fast Ethernet-to-Fiber Media Converter with SFP Capacity |

| Media Converters | Serial-to-Fiber |
|---|---|

## DIN-Rail

**IP50** Rated
IEC/EN60529  -10°C 70°C

| | |
|---|---|
| SF63-TB-DB-1Fm-SC-2 | Industrial-grade Serial-to-Fiber Media Converter, Multimode, SC Connector, 2 KM |
| SF63-TB-DB-1Fs-SC-30 | Industrial-grade Serial-to-Fiber Media Converter, Single-mode, SC Connector, 30 KM |

| Smart Media Converters | Ethernet-to-Fiber |
|---|---|

## DIN-Rail

**IP30** Rated
IEC/EN60529  -20°C 70°C

Coming Soon

| | |
|---|---|
| EF24-1G-1Fm-SC-550M | Industrial-grade Smart Gigabit Ethernet-to-Fiber Media Converter, Multimode, SC Connector, 550 M |
| EF24-1G-1Fs-SC-10 | Industrial-grade Smart Gigabit Ethernet-to-Fiber Media Converter, Single-mode, SC Connector, 10 KM |
| EF24-1G-1SFP | Industrial-grade Smart Gigabit Fast Ethernet-to-Fiber Media Converter with SFP Connector |

## Ethernet Switches — Harsh Environments

### DIN-Rail Unmanaged Ethernet Switch

IP50 **Rated** IEC/EN60529  -40°C | 80°C  EN50155 EN50121-4  MIL-STD  Relay

| | |
|---|---|
| EH7310-G | 10-Port Unmanaged Ethernet Switch with Gigabit Uplink Ports |
| EH7310-2Fm | 10-Port Unmanaged Ethernet Switch with Multimode Fiber Optic Uplinks |
| EH7310-G-2Fm | 10-Port Unmanaged Ethernet Switch with Multimode Fiber Optic Gigabit Uplinks |
| EH7310-2Fs | 10-Port Unmanaged Ethernet Switch with Single-mode Fiber Optic Uplinks |
| EH7310-G-2Fs | 10-Port Unmanaged Ethernet Switch with Single-mode Fiber Optic Gigabit Uplinks |

### DIN-Rail Managed Ethernet Switch

IP50 **Rated** IEC/EN60529  -40°C | 80°C  EN50155 EN50121-4  MIL-STD  Relay  **Ring** Redundant

| | |
|---|---|
| EH7510-G | 10-Port Managed Ethernet Switch with Gigabit Uplink Ports |
| EH7510-2Fm | 10-Port Managed Ethernet Switch with Multimode Fiber Optic Uplinks |
| EH7510-G-2Fm | 10-Port Managed Ethernet Switch with Multimode Fiber Optic Gigabit Uplinks |
| EH7510-2Fs | 10-Port Managed Ethernet Switch with Single-mode Fiber Optic Uplinks |
| EH7510-G-2Fs | 10-Port Managed Ethernet Switch with Single-mode Fiber Optic Gigabit Uplinks |

## Ethernet Switches — Entry Level

### DIN-Rail Unmanaged Ethernet Switch, Plastic Housing

IP40 **Rated** IEC/EN60529  0°C | 60°C

| | |
|---|---|
| EH2005-Fm | 5-Port Unmanaged Fast Ethernet Switch with Multimode Fiber Optic, Plastic |
| EH2005-FS | 5-Port Unmanaged Fast Ethernet Switch with Singal-mode Fiber Optic, Plastic |
| EH2006 | 6-Port Unmanaged Fast Ethernet Switch, Plastic |

### DIN-Rail Unmanaged Ethernet Switch

IP50 **Rated** IEC/EN60529  -10°C | 70°C

| | |
|---|---|
| EH2305-1Fm | 5-Port Unmanaged Fast Ethernet Switch with Multimode Fiber Optic |
| EH2305-1FS | 5-Port Unmanaged Fast Ethernet Switch with Singal-mode Fiber Optic |
| EH2306 | 6-Port Unmanaged Fast Ethernet Switch |
| EH2308 | 8-Port Unmanaged Fast Ethernet Switch |
| EH2304-PR | 4-Port Unmanaged Fast Ethernet Switch, Supporting PROFINET Applications |
| EH2308-PR | 8-Port Unmanaged Fast Ethernet Switch, Supporting PROFINET Applications |

### DIN-Rail Unmanaged Gigabit Ethernet Switch

IP50 **Rated** IEC/EN60529  -10°C | 70°C

| | |
|---|---|
| EHG2308 | 8-Port Unmanaged Gigabit Ethernet Switch |

## Ethernet Switches — Advanced

### DIN-Rail Unmanaged Gigabit Ethernet Switch with PoE

**IP50** Rated IEC/EN60529 · -10°C 70°C



| | |
|---|---|
| EHG6308-4PoE | 8-Port Unmanaged Gigabit Ethernet Switch with Integrated Power over Ethernet (PoE) |
| EHG6308-4PoE-4SFP | 8-Port Unmanaged Gigabit Ethernet Switch with Integrated Power over Ethernet (PoE) with 4-port SFP capacity |

### DIN-Rail Managed Ethernet Switch with PoE and PROFINET Enabled

**IP50** Rated IEC/EN60529 · -20°C 70°C · **Ring** Redundant



| | |
|---|---|
| EH7512-4G-4PoE-4SFP-PR | 12-Port Managed Ethernet Switch with Integrated Power over Ethernet (PoE) and 4-port Gigabit Combo Uplink Ports, Supporting PROFINET Modes |
| EH7520-4G-4PoE-4SFP-PR | 20-Port Managed Ethernet Switch with Integrated Power over Ethernet (PoE) and 4-port Gigabit Combo Uplink Ports, Supporting PROFINET Modes |

### DIN-Rail Managed Ethernet Switch with PoE

**IP50** Rated IEC/EN60529 · -20°C 70°C · **Ring** Redundant



| | |
|---|---|
| EH7512-4G-4PoE-4SFP | 12-Port Managed Ethernet Switch with Integrated Power over Ethernet (PoE) and 4-port Gigabit Combo Uplink Ports |
| EH7520-4G-4PoE-4SFP | 20-Port Managed Ethernet Switch with Integrated Power over Ethernet (PoE) and 4-port Gigabit Combo Uplink Ports |

## Fieldbus Gateways — Modbus Gateways

### Small Form Factor

**IP30** Rated IEC/EN60529 · 0°C 60°C



| | |
|---|---|
| MB5001C | 1-Port Serial-to-Ethernet Modbus Gateway compact version, Terminal Block |
| MB5001C-Sis | 1-Port Serial-to-Ethernet Modbus Gateway compact version, 2KV Isolation & 15KV ESD Protection |

### Mid-Sized, DIN-Rail

**IP50** Rated IEC/EN60529 · -40°C 80°C



| | |
|---|---|
| MB5404D-X | 4-Port Serial-to-Ethernet Intelligent Modbus Gateway, D-Sub(M) |
| MB5404D-Sis-X | 4-Port Serial-to-Ethernet Intelligent Modbus Gateway, Terminal Block, 2KV Isolation |

### 1U Rack Mountable

**IP50** Rated IEC/EN60529 · 0°C 60°C · Industrial **EMC**



| | |
|---|---|
| MB5416A | 16-Port Serial-to-Ethernet Intelligent Modbus Gateway, RJ-45, 2.5KV Isolation, AC 100-260V or DC 24-48V, Supporting RS232 or RS422/485 |
| MB5408A | 8-Port Serial-to-Ethernet Intelligent Modbus Gateway, RJ-45, 2.5KV Isolation, AC 100-260V or DC 24-48V, Supporting RS232 or RS422/485 |
| MB5408A2-N | 8-Port Serial-to-Ethernet Intelligent Modbus Gateway, RJ-45, AC 100-260V or DC 24-48V, Supporting RS232/422/485 Software Selectable |
| MB5416A2-N | 16-Port Serial-to-Ethernet Intelligent Modbus Gateway, RJ-45, AC 100-260V or DC 24-48V, Supporting RS232/422/485 Software Selectable |

## Power Adaptor

| | |
|---|---|
| US315-12(US-TB3) | 3-pin Terminal Block (5.08 mm) Power Adaptor,100-240VAC Input, 1.25A @ 12VDC Output, US Plug |
| USE315-12(EU-TB3) | 3-pin Terminal Block (5.08 mm) Power Adaptor,100-240VAC Input, 1.25A @ 12VDC Output, EU Plug |
| US315-12(US-Y) | Y-Type (BT1-10V) Power Adaptor,100-240VAC Input, 1.25A @ 12VDC Output, US Plug |
| USE315-12(EU-Y) | Y-Type (BT1-10V) Power Adaptor,100-240VAC Input, 1.25A @ 12VDC Output, EU Plug |
| UV315-12(US-LDC) | Lockable DC Jack (5.5/2.1/9.5 mm) Power Adaptor, 100-240VAC Input, 1.25A @ 12 VDC Output, US Plug |
| UVE315-12(EU-LDC) | Lockable DC Jack (5.5/2.1/9.5 mm) Power Adaptor, 100-240VAC Input, 1.25A @ 12 VDC Output, EU Plug |
| UN305-0510(US-DC) | DC Jack (3.5/1.35/7.5 mm) Power Adaptor, 100-240VAC Input, 1.0A @ 5 VDC Output, US Plug |
| UNE305-0510(EU-DC) | DC Jack (3.5/1.35/7.5 mm) Power Adaptor, 100-240VAC Input, 1.0A @ 5 VDC Output, EU Plug |

## DIN-Rail Power Supply

| | |
|---|---|
| AD1024-24F | 24W/1A DIN-Rail 24V DC Power Supply with Universal 100-240V AC / 120-370V DC Input |
| AD1048-24FS | 48W/2A DIN-Rail 24V DC Power Supply with Universal 100-240V AC / 120-370V DC Input |
| AD1072-24F | 72W/3A DIN-Rail 24V DC Power Supply with Universal 100-240V AC / 120-370V DC Input |
| AD1100-24F | 100W/4A DIN-Rail 24V DC Power Supply with Universal 100-240V AC / 120-370V DC Input |
| AD1120-24F | 120W/5A DIN-Rail 24V DC Power Supply with Universal 100-240V AC / 120-370 V DC Input |
| AD1120-48F | 120W/2.5A DIN-Rail 48V DC Power Supply with Universal 100-240V AC / 120-370V DC Input |
| AD1240-48C | 240W/5A DIN-Rail 48V DC Power Supply with Universal 100-240V AC / 120-370V DC Input |

## Antenna

| | |
|---|---|
| ANT-WD-A-RF-0305 | IEEE 802.11 a/b/g 2.4/5 GHz, Dual Band, Omni-directional Antenna, 3/5dBi, RP-SMA(F) |
| ANT-WS-AB-RM-05-180 | IEEE 802.11 b/g 2.4 GHz, Single Band, Omni-directional Antenna, 5dBi, RP-SMA(M), with 180cm Cable, with Base |
| ANT-WS-AB-RM-05-200 | IEEE 802.11 b/g 2.4 GHz, Single Band, Omni-directional Antenna, 5dBi, RP-SMA(M), with 200cm Cable, with Base. |
| ANT-WS-A-NF-09 | IEEE 802.11 b/g 2.4~2.5 GHz, Single Band, Omni-directional Antenna, 9dBi, N-type(F) |

## Transceiver

| | |
|---|---|
| LM38-A3S-TI-N | SFP Transceiver, 155Mbps, 1310nmLED, Multi-mode, 2km, 3.3V, -40°C ~ 85°C |
| LS38-A3S-TI-N | SFP Transceiver, 155Mbps, 1310nmFP, Single-mode, 30km, 3.3V, -40°C ~ 85°C |
| LM28-C3S-TI-N | SFP Transceiver, 1250Mbps, 850nmVCSEL, Multi-mode, 550m, 3.3V, -20°C ~ 85°C |
| LM38-C3S-TI-N | SFP Transceiver, 1250Mbps, 1310nmFP, Multi-mode, 2km, 3.3V, -40°C ~ 85°C |
| LS38-C3S-TI-N | SFP Transceiver, 1250Mbps, 1310nmFP, Single-mode, 10km, 3.3V, -40°C ~ 85°C |
| LS38-C3L-TI-N | SFP Transceiver, 1250Mbps, 1310nmDFB, Single-mode, 30km, 3.3V, -40°C ~ 85°C |