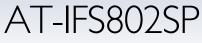
SWITCHES PRODUCT INFORMATION

10011001010010

# Allied Telesis

10000001000000101010



8 port Industrial Managed Switch

8 port 10/100TX Industrial Managed Switch with 2 SFP combo ports

### Performance

The AT-IFS802SP is a high performance and cost-effective industrial managed switch that meets the high reliability requirements of industrial network operations.

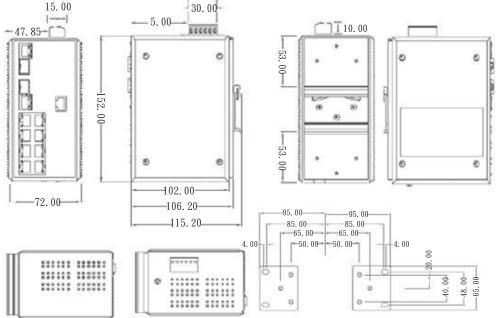
This industrial switch provides a network manager some key features using the simple web-based management function such as; port-based VLANs, IEEE 802.1p QoS, port trunking/link aggregation, port mirroring, priority queues and IEEE 802.1x security support. With support of up to 8k MAC adresses and a IMbit packet buffer the AT-IFS802SP switch is an ideal option for integrating management into your network solution.

### Securing the Network Edge

To ensure the protection of your data, it is important to control access to your network. Protocols such as IEEE 802.1x port-based authentication guarantee that only known users are connected to the network. Unknown users who physically connect can be isolated to a pre-determined part of your network offering guests such benefits as Internet access while ensuring the integrity of your private network data.

### Gigabit and Fast Ethernet SFP Support

The SFP Ports support both Gigabit and Fast Ethernet Small Form-factor Pluggables (SFPs). This makes the switch





an ideal family for environments where Gigabit fiber switches will be phased in over time. This allows for connectivity to the legacy 100FX hardware until it is upgraded to Gigabit. Support for both speeds of SFPs allows organizations to stay within budget as they migrate to faster technologies.

#### **High Network Resiliency**

The AT-IFS802SP industrial switch supports the X-Ring protocol that can help the network recover from connection failure within 20ms, thus making the network system very resilient. The X-Ring algorithm is similar to spanning tree protocol (STP) algorithm but its recovery time is faster than STP. In addition, Dual Homing and Couple Ring Topology are also supported to further increase the network availability.

## Key Features

- » 5.6Gbps Switching capacity
- » Supports 100/1000Mbps SFPs
- » Up to 8K MAC address table
- » 12 48 VDC Redundant power inputs
- » IP-30 Metal Case
- » Support X-Ring function
- » SNMP v1/v2c/v3, Web, Telnet, CLI Management
- » TFTP firmware update, system configure restore and backup
- » Ingress Packet Filter and Egress Rate Limit

## AT-IFS802SP | 8 port Industrial Managed Switch

#### Specifications

Suidd         - Power consumption         8,064 Wath9449           BEE 802.3.1         1008xx TWX         - Power input         22-400.0	Ethernet Communic	ations	Power			
HEE B02.3, BFE B02.3, COUCSED - TUNK/K         1002ber - TUNK/K         1.9 Power Input         1.9 - 49/00, Reixinster power           HEE B02.3, CHEE B02.3,	Standard		Power consumption     8 064 Watts@48V			
IEEE 802.30, BUE 802.34, BUE 80	IEEE 802.3,	10Base-T Ethernet				
Intersection       Quapta Fier       Pailoy Duppal       Pailoy Duppal         IEEE 802.236,       (AC)P       Environment       Intersection       - 0.0 60 <sup>+</sup> C	IEEE 802.3u,	100Base-TX/FX				
Hit Bit 202, 24, 000011 right						
LEE 802.3x, BET 802.3x, LEE 802.3x, ELEE 802.1x, Source 1 and 1A2P         Environment Pop Tatuk (M AP)         Environment Pop Tatuk (M AP)         For C (14 - 1.4 g <sup>1</sup> F)           LEE 802.1x, LEE 802.1x,	,	•	now output			
IEEE R02 Sudi       Port Track with LAP       - 0 service       - 0 - 65° C (4 - 1.45°F)         IEEE R02.10,       Case of Service       - 10 - 65° C (4 - 1.45°F)       - 10 - 65° C (4 - 1.45°F)         IEEE R02.10,       Case of Service       - 10 - 65° C (4 - 1.45°F)       - 10 - 65° C (4 - 1.45°F)         IEEE R02.10,       Case of Service       - 10 - 65° C (4 - 1.45°F)       - 10 - 65° C (4 - 1.45°F)         IEEE R02.10,       Case of Service       - 10 - 100°C R1-45°F       - 10 - 65° C (4 - 1.45°F)         IEEE R02.10,       Las Alterination (Rudius)       - 10 - 65° C (4 - 1.45°F)       - 10 - 65° C (4 - 1.45°F)         IEEE R02.10,       User Alterination (Rudius)       - 10 - 65° C (4 - 1.45°F)       - 10 - 65° C (4 - 1.45°F)         IEEE R02.10,       User Alterination (Rudius)       - 10 - 65° C (4 - 1.45°F)       - 10 - 65° C (4 - 1.45°F)         IEEE R02.10,       User Alterination (Rudius)       - 10 - 65° C (4 - 1.45°F)       - 10 - 65° C (4 - 1.45°F)         IEEE R02.10,       User Alterination (Rudius)       - 10 - 65° C (4 - 1.45°F)       - 10 - 65° C (4 - 1.45°F)         IEEE R02.10,       User Alterination (Rudius)       - 10 - 65° C (4 - 1.45°F)       - 10 - 65° C (4 - 1.45°F)         IEEE R02.10,       User Alterination (Rudius)       - 10 - 65° C (4 - 1.45°F)       - 10 - 65° C (4 - 1.45°F)         IEEE R02.10,       Marcha	,		Environment			
IEEE 802.1 d, BIEE 802.1 d, IEEE 802.1 d			<ul> <li>Operating Temperature</li> </ul>	-10 ~ 65°C	$-10 \sim 65^{\circ}$ C (14 $\sim 149^{\circ}$ F)	
IEEE 802.1 /s / UAN 1/3 / UAN 2/6 / UAN 1/3 / USA 2/6 / UAN 2/6			<ul> <li>Storage Temperature</li> </ul>			
Little model of the mutantication (Radius)     Humidity Storage     5 to 95 %.       Little model of the Authentication (Radius)     MTF     227271.32271rs       Little model of the Authentication (Radius)     MTF     227271.32271rs       Little model of the Authentication (Radius)     Little model of the Authentication (Radius)     MTF       Perf Cancellon     10/10017X: RJ.45 x 8     Specific at 10/10017X: RJ.45 x 8     Specific at 10/10017X: RJ.45 x 8       Specific at 10/10017X: RJ.45 x 1     Console port : RJ.45 x 1     Technical Specific at 10/10017X: RJ.45 x 8     Specific at 10/10017X: RJ.45 x 8       Vire specific forward Ingrate     Technical Specific at 10/10017X: RJ.45 x 8     Specific at 10/10017X: RJ.45 x 8     Specific at 10/10017X: RJ.45 x 8       Vire specific forward Ingrate     Technical Specific at 10/10017X: RJ.45 x 10     Technical Specific at 10/10017X: RJ.45 x 8     Technical Specific at 10/10017X: RJ.45 x 8       Vire specific forward Ingrate     Technical Specific at 10/10017X: RJ.45 x 8     Technical Specific at 10/10017X: RJ.45 x 8     Technical Specific at 10/10017X: RJ.45 x 8       1.48.800pps for 100Mops Ethernet     Dimensions     7.2011 x 11.5011 x 15.2011     Technical Specific at 11.5011 x 15.2011       1.48.800pps for 100Mops Ethernet     Dimensions     7.2011 x 11.5011 x 15.2011     Technical Specific at 11.5011 x 15.2011       1.48.800pps for 100Mops Ethernet     Soleting Fish ROM     Adlatog 25.5011     Technical Specific at 11.5011 X	,		<ul> <li>Humidity Operating</li> </ul>	, ,		
IEEE 802.1 ku     UCP     MTBF     272/81.3027 hrs       IEEE 802.1 ku     ULOP     General       Port Connector     SPF consis: RU-53 x 8 (10/1000 KF x 2 console port : RU45 x 1 console port : RU45 x 1 console port : RU45 x 1     http://www.speed//mis/2000 kt//mis/2000						
IEEE 802-1ab         LLOP         General           • Port Connector         10/100TX: RJ-45 x 8 SFP conto: RJ-45 x 2, to0/100TX: Console port : RJ-45 x 2, to0/100TX: Console port : RJ-45 x 1         System: Prover: Power 1, Power 2, Fault, Master 10/100TX: Link/Activity, Speed Giga Corper:         Inivia, Christian Link/Activity, Speed Giga Corper:         Prover: Power 1, Power 2, Fault, Master 10/100TX: Link/Activity, Speed Giga Corper:         Inivia, Christian Link/Activity, Speed Giga Corper:         Prover: Power 1, Power 2, Fault, Master Link/Activity, Speed Giga Corper:         Inivia, Christian Link/Activity, Speed Giga Corper:         Prover: Power 1, Power 2, Fault, Master Link/Activity, Speed Giga Corper:         Inivia, Christian Link/Activity, Speed Giga Corper:         Inivia, Christian Link/Activity, Speed Corper:         Prover: 1, Power 1, Power 2, Fault, Master Link/Activity, Speed Giga Corper:         Inivia, Christian Link/Activity, Speed Corper:         Inivia, Christian Link/Activity, Speed Corper:         Inivia, Christian Link/Activity, Speed Corper:         Inivia, Christian Corper:         Inivia, Chri		5		272761 3927 hrs		
• Part Connector       10/100TX: RL45 x 8 SPP Combor RL45 x 2, 100/1000 SP x 2, console pot : RL45 x 1       • LED Indicators       System: Power 1, Power 2, Fault, Master 101/100TX: LL14/Activity, Speed Giga Copper : LL14/Activity         Performance       • Wire-speed forwarding rate 14,8800ps for 100Msps Ethernet 14,8800ps for 100Msps Ethernet 14,8800ps for 100Msps Ethernet       • Technical Specification: • Mar. Address       • Zcm x 11.5cm x 15.2cm (V x 0 x H)       • Zcm x 11.5cm x 15.2						
SPP Control 00 SPP x 2 t00/100 SPP x 2 Console port : RL45 x 1       10/1007: U101007: U1						
100/1000 SFP x2 Console port : RJ45 x 1     107/000 SFP x2 Giga Copper     Link/Activity; Speed Giga Copper       Performance       Technical Specification: 14,8800ps for 10Mbps Ethernet 14,8800ps for 10Mbps Ethernet 14,8800ps for 100Mbps Ethernet 14,8800ps for 100pp for 1,800pp for 100Mbps for 100Mbps 14,800 Ethernet 14,8800pp	<ul> <li>Port Connector</li> </ul>		<ul> <li>LED Indicators</li> </ul>			
Bigs Copper:     Link/Activity       Performance     Federical Specification       14.8800ps for 1000bps Ehernet     Technical Specification       14.8800ps for 1000bps Ehernet     Physical Characceristics       16 Packet Buffer     1Mbits       16 Packet Buffer     Mbits       17 Packet Buffer     13bits       18 Packet Buffer     13bits       18 Packet Buffer     13bits       18 Packet Buffer     13bits       19 Packet Buffer     13bits       18 Packet Buffer     12bits						
Benders and the second						
Wire-speed forwards       Tachnical Specifications       Paysial Characteristics         148,8800ps for 100Mbps Ethemet       Dimensions       7.2cm x 11.5cm x 15.2cm         1.488,000ps for 100Mbps Ethemet       Dimensions       7.2cm x 11.5cm x 15.2cm         1.488,000ps for 100Mbps Ethemet       Wirk 0 x H)       2.8" x 4.5" x 6.0"         Mac Address       Mc       Weight       1.34kg (2.95bs)         Parket Buffer       1Mbits       Enclosure       UP-30, Metal with aluminum shell         DRAM       32Mbytes       Enclosure       UP-30, Metal with aluminum shell         Switching Fabric       5.66bps       Enclosure       UP-30, Metal with aluminum shell         Switching Fabric       5.66bps       Enclosure       UP-30, Metal with aluminum shell         Configuration       Mithypes       Certification       Enclosure         Configuration       Security       Part Based VLAN up to 256 entries (EEE 802.10 Tag VLAN (256 entries) (VLAN ID can be assigned from 1 to 4094.))       ENC				diga oopper.		
14.880ps       for       10Mbps Sthemet       Physical Characteristics         14.880ps       for       100Mbps Sthemet       0. Dimensions       7.2cm x 11.5cm x 15.2cm         1.488,000pps       for       100Mbps Ethemet       0. Dimensions       7.2cm x 11.5cm x 15.2cm         1.488,000pps       for       100Mbps Ethemet       0. Dimensions       7.2cm x 11.5cm x 15.2cm         1.488,000pps       for       1.34kg (2.95lbs)       0. Dimensions       2.8" x 4.5" x 6.0"         Packet Buffer       1Mbits       - Dimensions       0. Dimensions       0.8" x 4.5" x 6.0"         PRAM       32Mbytes       - Enclosure       IP-30, Metal with aluminum shell       0. Dimensions         Fisch ROM       4Mbytes       - Sofes       - Enclosure       IP-30, Metal with aluminum shell         Fisch ROM       4Mbytes       - Enclosure       IP-30, Metal with aluminum shell       - Enclosure         Forwarding Rate       4.16Mps       - Certification       - Enclosure       IP-30, Metal with aluminum shell       - Enclosure         VLA N       SMMP v1/v2c/v3, Web, Teinet, CLI       - Safety       U., CLI, CE/EN00950-1, C-Tick       - Environmet       -						
148,800ps for 100Mbps Ethernet       Postal Characteristics         1,488,000ps for 100Mbps Ethernet       0 Dimensions       7,2cm x 11.5cm x 15.2cm         Mac Address       8K       0 Montpace       2.8" x 4.5" x 6.0"         Mac Address       8K       Weight       1.34kg (2.95lbs)         Packet Buffer       1 Moits       Enclosure       IP-30, Metal with aluminum shell         Packet Buffer       5.66bps       Enclosure       IP-30, Metal with aluminum shell         Forwarding Rate       4.16Mps       Certification       Installation       DIN-rail/Wall Mount Design         Management       5.66bps       -       Safety       UL, cUL, CE/EN60950-1, C-Tick         Management       Simp v1/v2c/v3, Web, Teinet, CU       -       Safety       UL, cUL, CE/EN60950-1, C-Tick         Management       Forwarding Rate       4.16Mps       Certification       EN61000-6-4         V LA N       Port Based VLAN up to 256 entries       EN61000-6-4       EN61000-6-2       EN61000-6-2         V LA N       Port Based VLAN up to 256 entries       EN61000-6-2       EN61000-6-4       EN61000-6-2         V LA N       Port Based VLAN up to 256 entries       EN61000-6-4       EN61000-6-2       EN61000-6-2         EEE 802.1 to Saver I, P Binding and Couple Ring,       EEE 802.1 to Sav			Technical Specificatio	lechnical Specifications		
1.488.000ps       for       1000Mbps Ethernet       • Dimensions       7.2cm x 11.5cm x 15.2cm         • Mac Address       8K       (W x D x H)       2.8" x 4.5" x 6.0"         • Packet Buffer       1Mbits       • Weight       1.34kg (2.95lbs)         • DRAM       32Mbytes       • Enclosure       IP-30, Metal with aluminum shell         • Flash RM       4Mbytes       • Installation       Dimensions       CPTTCAVEWEIGHT         • Switching Fabric       5.66bps       • Certification       • Safety       UL, cU, CE/EN00950-1, C-Tick         • Samagement       • Safety       UL, cU, CE/EN00950-1, C-Tick       • EMC       • EMC       EMC       • EMC 1000-6-4         • VLA N       Port Based VLAN up to 256 entries       • EMC       • EMC 1000-6-2       • EM1000-6-2       • EM1000-6-2<			Physical Characteristics			
• Mac Address       8K       (W x D x H)       2.8° x 4.5° x 6.0°         • Packet Buffer       Mubits       • Weight       1.34kg (2.95lbs)         • DRAM       32Mbytes       • Enclosure       IP-30, Metal with aluminum shell         • Rash ROM       4Mbytes       • Installation       DIN-railWall Mount Design         • Bracket Buffer       5.66lbps       • Enclosure       IP-30, Metal with aluminum shell         • Forwarding Rate       4.16Mps       Certification       DIN-railWall Mount Design         • Switching Fabric       5.66lbps       Certification       • Stafety       UL, cUL, CE/EN60950-1, C-Tick         • Forwarding Rate       4.16Mps       Certification       • Safety       UL, cUL, CE/EN60950-1, C-Tick         • Configuration       SNMP v1/v2c/v3, Web, Teinet, CLI       • Safety       UL, cUL, CE/EN60950-1, C-Tick         • VLA N       Port Based VLAN up to 256 entries       EN6100-6-2       EN61000-6-2         • EEE 802.10 Tag VLAN (256 entrifies)       EVEN (200-6-4       EN61000-4-2 (EOI)         • VLA N       Port Based VLAN up to 256 Groups       EN61000-4-1 (Gurst)       EN61000-4-1 (Gurst)         • Redundancy       X-Ring, Dual Homing and Couple Ring, EEE 802.10 Tag VLAN (256 entrifies)       EN61000-4-1 (Gurst)       EN61000-4-1 (Gurst)         • Security       I				7.2cm x 11.5cm x 15.2cm		
<ul> <li>Mac Address</li> <li>BK</li> <li>Packet Buffer</li> <li>IMbits</li> <li>Packet Buffer</li> <li>IMbits</li> <li>IMbits</li> <li>Packet Buffer</li> <li>IMbits</li> <li>IMbits</li> <li>Enclosure</li> <li>IP-30, Metal with aluminum shell</li> <li>IP-30, Metal with aluminum shell</li> <li>Installation</li> <li>DIN-rail/Wall Mount Design</li> <li>Softens</li> <li>Softens</li> <li>Forwarding Rate</li> <li>Configuration</li> <li>SIMM P1/V2cV3, Web, Teinet, CLI</li> <li>Safety</li> <li>UL, CLI, CE/EN60950-1, C-Tick</li> <li>Safety</li> <li>UL, CLI, CE/EN60950-1, C-Tick</li> <li>Safety</li> <li>UL, CLI, CE/EN60950-1, C-Tick</li> <li>ENC</li> <li>Certification</li> <li>Softens</li> <li>ENC</li> <li>Certification</li> <li>ENC1000-6-4</li> <li>ENG1000-6-2</li> <li>ENG1000-6-2</li> <li>ENG1000-4-2 (ESD)</li> <li>VLA NI D (Up to 4X, VLAN ID Cas be assigned from 1 to 4094.)</li> <li>GVRP up to 256 entries</li> <li>IEEE 802.1 of Tag VLAN (256 entries)</li> <li>VLA NI D (Up to 4X, VLAN ID Cas be assigned from 1 to 4094.)</li> <li>GVRP up to 256 foroups</li> <li>Redundancy</li> <li>X-Ring, Dual Homing and Couple Ring,</li> <li>IEEE 802.1 d STP and IEEE 802.1 w RSTP</li> <li>Security</li> <li>IP Access security, DHCP</li> <li>Server, IP Binding per Port, IEEE 802.1 w RSTP</li> <li>Server, IP Binding per Port, IEEE 802.1 w RSTP</li> <li>Server, IP Binding per Port, IEEE 802.1 w RSTP</li> <li>Security</li> <li>IF Araffic Control</li> <li>IGMP Snooping/ Query for multicast</li> <li>UN Attacess Control</li> <li>Freefail</li> <li>IEC60068-2-32</li> <li>Traffic Control</li> <li>IGMP Snooping/ Query for multicast filter</li> <li>Port trunking, Static IEEE 802.1 p QoS/</li> <li>CoS/FOS/DSDP priority queuting, IEEE</li> <li>Moury management, multi-cast filter</li> <li>Port trunking, Static IEEE</li></ul>	, , , , , ,	r rouowops Ethemet				
<ul> <li>Facket burlet indits</li> <li>DRAM</li> <li>32Mbytes</li> <li>DRAM</li> <li>32Mbytes</li> <li>Enclosure</li> <li>Installation</li> <li>DIN-rail/Wall with aluminum shell</li> <li>Installation</li> <li>DIN-rail/Wall Mount Design</li> <li>Switching Fabric</li> <li>S6Gbps</li> <li>Forwarding Rate</li> <li>4.16Mpps</li> <li>Certification</li> <li>Safety</li> <li>UL, cJL, CF/EN60950-1, C. Tick</li> <li>EMC</li> <li>CE, FCC Class A</li> <li>EN61000-6-4</li> <li>EN61000-4-3</li> <li>EEE 802.10 Tay ULAN U266 entries)</li> <li>VLAN ID (Up to 4K, VLAN ID can be assigned from 1 to 4094.)</li> <li>GVRP up to 256 Groups</li> <li>Redundancy</li> <li>X-Ring, Dual Homing and Couple Ring, IEEE 802.10 STP and IEEE 802.1 w RSTP</li> <li>Security</li> <li>IF access security, DHCP</li> <li>Serverity</li> <li>Prot Access Security, DHCP</li> <li>Serverity, PP ta Set (ULA TW)</li> <li>IGMP Snooping/ Query for multicast</li> <li>IF acflic Control</li> <li>IGMP Snooping/ Query for multicast</li> <li>VID and MS Snooping/ Query for multicast filter</li> <li>Port Access Control</li> <li>Freefall</li> <li>IEC60068-2-32</li> <li>Freefall</li> <li>IEC60068-2-66</li> <li>Environment Compliance</li> <li>RoHS, WEEE</li> <li>SocyTos/DSCP priority queuing, IEEE</li> <li>SotyTos/DSCP priority queuing, IEEE</li> <li>SotyTos/DSCP priority queuing, IEEE</li> <li>SotyTos/DSCP priority qu</li></ul>		8K	, ,			
<ul> <li>Finder Muther Schwart (Myrles)</li> <li>Finder Muther Schwart (Myrles)</li> <li>Finder Muther Schwart (Myrles)</li> <li>Switching Fabric 5.66bps</li> <li>Forwarding Rate 4.16Mpps</li> <li>Certification</li> <li>Sumpression (Myrles)</li> <li>Certification</li> <li>Sumpression (Myrles)</li> <li>Certification</li> <li>Sumpression (Myrles)</li> <li>Safety</li> <li>UL, cUL, CE/EN60950-1, C-Tick</li> <li>Safety</li> <li>Safety</li> <li>UL, cUL, CE/EN60950-1, C-Tick</li> <li>EM6 1000-6-2</li> <li>EN6 1000-4-2</li> <li>EN6 1000-4-2</li> <li>EN6 1000-4-2</li> <li>EN6 1000-4-2</li> <li>EN6 1000-4-3</li> <li>Gadiated RFI)</li> <li>EN6 1000-4-3</li> <li>Gadiated RFI</li> <li>EN6 1000-4-4</li> <li>Safety</li> <li>EN6 1000-4-4</li> <li>Safety</li> <li>EN6 1000-4-4</li>     &lt;</ul>		1 Mbits	·	0 ( )		
<ul> <li>Switching Fabric 5. Softps</li> <li>Switching Fabric 5. Softps</li> <li>Switching Fabric 5. Softps</li> <li>Configuration SIMP v1/v2cv3, Web, Telnet, CLI</li> <li>Configuration SIMP v1/v2cv3, Web, Telnet, CLI</li> <li>V L A N</li> <li>Port Based VLAN up to 256 entries [EEE 802.10 Tag VLAN (256 entries) VLAN ID (bto 4K, VLAN ID can be assigned from 1 to 4094.) GVRP up to 256 Groups</li> <li>Redundancy XRing, Dual Homing and Couple Ring, [EEE 802.14 STP and IEEE 802.1 w RSTP</li> <li>Security IP Access Security, port security, DHCP ENG1000-4-3 (Radiated RFI) ENG1000-4-4 (Burst)</li> <li>Security IP Access Security, DHCP Server, IP Binding per Port, IEEE 802.1 x</li> <li>Security IT raffic Control</li> <li>IGMP Snooping/ Query for multicast</li> <li>Freefall</li> <li>IEEE 802.3 time control</li> <li>Freefall</li> <li>EC00068-2-6</li> <li>Environment Compliance</li> <li>Rotoxoftod</li> <li>Freefall</li> <li>EC00068-2-6</li> <li>Socortos/DSCP priority queuing, IEEE 802.1 to 250 (CoS/ToS/DSCP priority queuing, IEEE 802.1 to 250 (CoS/ToS/DSCP priority queuing, IEEE 802.1 to 250 (CoS/ToS/DSCP priority queuing, IEEE 802.3 think control</li> <li>Diagnostics Port Mirroring, LLDP, Real-time traffic statistic, MAC Advess Table, SMTP, Syslog, Email Alert, SIMMP Trap, RMON</li> </ul>	<ul> <li>DRAM</li> </ul>	32Mbytes				
• Forwarding Rate       4.16Mpps       Certification         Management       - Safety       UL, cUL, CE/EN60950-1, C-Tick         • Configuration       SNMP V1//2C//3, Web, Telnet, CLI       - EMC       CE, FCC Class A         • VLA N       Port Based VLAN up to 256 entries IEEE 802.10 Tag VLAN (256 entries) VLAN ID (Up to 4X, VLAN ID can be assigned from 1 to 4094.) WLAN ID (up to 4X, VLAN ID can be assigned from 1 to 4094.)       FMG 1000-6-2         • Redundancy       X-Ring, Dual Homing and Couple Ring, IEEE 802.10 STP and IEEE 802.1w RSTP       EN61000-4-3 (Radiated RFI) EN61000-4-6 (Induced RFI) EN61000-4-6 (Induced RFI) EN61000-4-6 (Induced RFI) EN61000-4-6 (Induced RFI) EN61000-4-6 (Induced RFI) EN61000-4-8 (Magnetic Field)         • Security       IP Access security, DHCP Server, IP Binding per Port, IEEE 802.1x       • Shock       EC60068-2-27 EN61000-4-8 (Magnetic Field)         • Security       IGMP Snooping/ Query for multicast group management, multi-cast filter Port turking, Static IEEE 802.1 p QoS/ CoS/ToS/DSCP priority queuing, IEEE 802.3x flow control       • Shock       EC60068-2-6 Environment Compliance         • Diagnostics       Port Mirroning, LLDP, Real-time traffic statistic, MAC Address Statie, SNTP, Sysiog, E-mail Alert, SNMP Trap, RMON       AT-IFS802SP				Din-rail/ wait Mourit Design		
Management       - Safety       UL, cUL, CE/EN60950-1, C-Tick         • Configuration       SNMP v1/v2c/v3, Web, Teinet, CLI       - EMC       CE, FCC Class A         • VLA N       Port Based VLAN up to 256 entries IEEE 802.10 Tag VLAN (256 entries) VLAN ID (Up to 4K, VLAN ID case bassigned from 1 to 4094.) GVRP up to 256 Groups       EN61000-6-2       EN61000-4-2 (ESD)         • Redundancy       X-Ring, Dual Homing and Couple Ring, IEEE 802.10 STP and IEEE 802.1w RSTP       EN61000-4-4 (Burst)       EN61000-4-4 (Burst)         • Security       IP Access security, port security, DHCP Server, IP Binding per Port, IEEE 802.1x       • Shock       IEC60068-2.27         • Vibration       IEC60068-2.02       • Vibration       IEC60068-2.32         • Traffic Control       IGMP Snooping/ Query for multicast       • Vibration       IEC60068-2.6         group management, multi-cast filter Port trunking, Static IEEE 802.1p QoS/ CoS/ToS/DSCP priority queuing, IEEE 802.3x flow control       • Vibration       IEC60068-2.6         • Diagnostics       Port Mirroring, LLDP, Real-time traffic statistic, MAC Address Table, SNTP, Syslog, E-mail Alert, SNMP Trap, RMON       AT-IFS802SP	÷		Contification			
Management       • EMC       CF, FCC Class A         • Configuration       SNMP v1/v2c/v3, Web, Telnet, CLI       • EMC       EN61000-6-4         • V LA N       Port Based VLAN up to 256 entries       EN61000-6-2       EN61000-6-2         V LA N       Port Based VLAN up to 256 entries)       EN61000-4-2 (ESD)       EN61000-4-2 (ESD)         VLAN ID (Up to 4K, VLAN ID can be assigned from 1 to 4094.)       EN61000-4-3 (Radiated RFI)       EN61000-4-3 (Radiated RFI)         GVRP up to 256 Groups       EN61000-4-4 (Burst)       EN61000-4-5 (Surge)       EN61000-4-5 (Surge)         • Redundancy       X-Ring, Dual Homing and Couple Ring, IEEE 802.1d STP and IEEE 802.1w RSTP       EN61000-4-6 (Induced RFI)       EN61000-4-6 (Induced RFI)         • Security       IP Access security, DHCP       Server, IP Binding per Port, IEEE 802.1x       • Shock       IEC60068-2-27         • Vort Access Control       IGMP Snooping/ Query for multicast       • Shock       IEC60068-2-32         • Traffic Control       IGMP Snooping/ Query for multicast       • Vibration       IEC60068-2-6         • Traffic Control       IGMP Snooping/ Query for multicast       • Vibration       IEC60068-2-6         • Ordering Information       BCC0068-2-6       • Environment Compliance       RoHS, WEEE         • Diagnostics       Port Mirroring, LLDP, Real-time traffic       AT-IFS802SP </td <td><ul> <li>Forwarding Rate</li> </ul></td> <td>4.16Mpps</td> <td></td> <td></td> <td></td>	<ul> <li>Forwarding Rate</li> </ul>	4.16Mpps				
<ul> <li>Configuration</li> <li>SMMP v1/v2c/v3, Web, Telnet, CLI</li> <li>Configuration</li> <li>SMMP v1/v2c/v3, Web, Telnet, CLI</li> <li>Find 1000-6-4</li> <li>VLA N</li> <li>Port Based VLAN up to 256 entries IEEE 802.10 Tay VLAN (256 entries) VLAN ID (Up to 4K, VLAN ID can be assigned from 1 to 4094.) GVRP up to 256 Groups</li> <li>Redundancy</li> <li>X-Ring, Dual Homing and Couple Ring, IEEE 802.10 STP and IEEE 802.1 w RSTP</li> <li>Security</li> <li>IP Access security, port security, DHCP</li> <li>Server, IP Binding per Port, IEEE 802.1 x</li> <li>Server, IP Binding per Port, IEEE 802.1 p OsS/</li> <li>Cos/ToS/DSCP priority queuing, IEEE</li> <li>Sold WC Address Table, SNTP, Systog, E-mail Alert, SNMP Trap, RMON</li> </ul>	Management					
<ul> <li>VLAN</li> <li>Port Based VLAN up to 256 entries IEEE 802.10 Tag VLAN (256 entries) VLAN ID (Up to 4K, VLAN ID can be assigned from 1 to 4094.)</li> <li>Redundancy</li> <li>Redundancy</li> <li>X-Ring, Dual Homing and Couple Ring, IEEE 802.10 STP and IEEE 802.1w RSTP</li> <li>Security</li> <li>PA ccess security, DHCP</li> <li>Server, IP Binding per Port, IEEE 802.1x</li> <li>Server, IP Binding per Port, IEEE 802.1y</li> <li>Serve</li></ul>	<ul> <li>Configuration</li> </ul>	SNMP v1/v2c/v3, Web, Telnet, CLI	EMC			
IEEE 802.10 Tag VLAN (256 entries)       EN61000-4-2 (ESD)         VLAN ID (Up to 4K, VLAN ID can be assigned from 1 to 4094.)       EN61000-4-3 (Radiated RFI)         GVRP up to 256 Groups       EN61000-4-4 (Burst)         EN61000-4-4 (Burst)       EN61000-4-4 (Burst)         EN61000-4-5 (Surge)       EN61000-4-6 (Induced RFI)         IEEE 802.1d STP and IEEE 802.1w RSTP       EN61000-4-6 (Induced RFI)         Security       IP Access security, port security, DHCP       EN61000-4-8 (Magnetic Field)         Server, IP Binding per Port, IEEE 802.1x       • Shock       IEC60068-2-27         Port Access Control       • Freefall       IEC60068-2-32         • Traffic Control       IGMP Snooping/ Query for multicast       • Vibration       IEC60068-2-66         group management, multi-cast filter       • Environment Compliance       RoHS, WEEE         Port tunking, Static IEEE 802.1 LOP, Real-time traffic       Environment Compliance       RoHS, WEEE         802.3x flow control       • Cordering Information       ROHS, WEEE         • Diagnostics       Port Miroring, LLDP, Real-time traffic       AT-IFS802SP         statistic, MAC Address Table, SNTP, Syslog, E-mail Alert, SNMP Trap, RMON       8 10/100TX + 2 10/100/1000T/SFP Combo Managed Industrial Switch	VIAN	Port Based VI AN up to 256 entries				
<ul> <li>VLAN ID (Up to 4K, VLAN ID can be assigned from 1 to 4094.) GVRP up to 256 Groups</li> <li>Redundancy</li> <li>X-Ring, Dual Homing and Couple Ring, IEEE 802.1d STP and IEEE 802.1w RSTP</li> <li>Security</li> <li>IP Access security, port security, DHCP Server, IP Binding per Port, IEEE 802.1x</li> <li>Server, IP Binding per Port, IEEE 802.1x</li> <li>Server, IP Binding per Port, IEEE 802.1x</li> <li>Server, IP Binding per Port, IEEE 802.1x</li> <li>Freefall</li> <li>IEC60068-2-27</li> <li>Freefall</li> <li>IEC60068-2-32</li> <li>IEC60068-2-6</li> <li>group management, multi-cast filter Port trunking, Static IEEE 802.1p QoS/ CoS/ToS/DSCP priority queuing, IEEE 802.3x flow control</li> <li>Diagnostics</li> <li>Port Mirroring, LLDP, Real-time traffic statistic, MAC Address Table, SNTP, Syslog, E-mail Alert, SNMP Trap, RMON</li> <li>Endition Tap, RMON</li> </ul>	V LITT				(ESD)	
<ul> <li>Redundancy</li> <li>X-Ring, Dual Homing and Couple Ring, IEEE 802.1d STP and IEEE 802.1w RSTP</li> <li>Security</li> <li>IP Access security, port security, DHCP Server, IP Binding per Port, IEEE 802.1x</li> <li>Server, IP Binding per Port, IEEE 802.1x</li> <li>Shock</li> <li>IEC60068-2-27</li> <li>Freefall</li> <li>IEC60068-2-32</li> <li>IGMP Snooping/ Query for multicast</li> <li>Vibration</li> <li>IEC60068-2-6</li> <li>group management, multi-cast filter Port trunking, Static IEEE 802.1p QoS/ CoS/ToS/DSCP priority queuing, IEEE</li> <li>Diagnostics</li> <li>Port Mirroring, LLDP, Real-time traffic statistic, MAC Address Table, SNTP, Syslog, E-mail Alert, SNMP Trap, RMON</li> <li>Access Control</li> </ul>						
Items, Forantiality       Items, Forantiality       Items, Forantiality       Items, Forantiality         IEEE 802.1d STP and IEEE 802.1w RSTP       EN61000-4-6 (Induced RFI)         Security       IP Access security, port security, DHCP       EN61000-4-8 (Magnetic Field)         Server, IP Binding per Port, IEEE 802.1x       • Shock       IEC60068-2-27         Port Access Control       • Freefall       IEC60068-2-32         • Traffic Control       IGMP Snooping/ Query for multicast       • Vibration       IEC60068-2-6         group management, multi-cast filter       • Environment Compliance       RoHS, WEEE         Port trunking, Static IEEE 802.1p QoS/       CoS/ToS/DSCP priority queuing, IEEE       Ordering Information         802.3x flow control       AT-IFS802SP       8 10/100TX + 2 10/100/100UT/SFP Combo Managed Industrial Switch         • Diagnostics       Port Mirroring, LLDP, Real-time traffic       AT-IFS802SP         statistic, MAC Address Table, SNTP, Syslog,       8 10/100TX + 2 10/100/100UT/SFP Combo Managed Industrial Switch		GVRP up to 256 Groups		EN6100-4-4 (I	Burst)	
<ul> <li>Security</li> <li>IP Access security, port security, DHCP</li> <li>Server, IP Binding per Port, IEEE 802.1x</li> <li>Port Access Control</li> <li>Traffic Control</li> <li>IGMP Snooping/ Query for multicast</li> <li>Traffic Control</li> <li>IGMP Snooping/ Query for multicast</li> <li>Vibration</li> <li>IEC60068-2-32</li> <li>Vibration</li> <li>IEC60068-2-6</li> <li>Environment Compliance</li> <li>RoHS, WEEE</li> <li>SocX ToS/DSCP priority queuing, IEEE</li> <li>802.3x flow control</li> <li>Diagnostics</li> <li>Port Mirroring, LLDP, Real-time traffic</li> <li>Statistic, MAC Address Table, SNTP, Syslog, E-mail Alert, SNMP Trap, RMON</li> </ul>	<ul> <li>Redundancy</li> </ul>	X-Ring, Dual Homing and Couple Ring,		EN61000-4-5	(Surge)	
<ul> <li>Sociality of a Recess security, port security, profile</li> <li>Server, IP Binding per Port, IEEE 802.1x</li> <li>Port Access Control</li> <li>Traffic Control</li> <li>IGMP Snooping/ Query for multicast group management, multi-cast filter</li> <li>Vibration</li> <li>IEC60068-2-32</li> <li>Vibration</li> <li>IEC60068-2-6</li> <li>Environment Compliance</li> <li>BodS, WEEE</li> <li>Cos/Tos/DSCP priority queuing, IEEE</li> <li>802.3x flow control</li> <li>Diagnostics</li> <li>Port Mirroring, LLDP, Real-time traffic statistic, MAC Address Table, SNTP, Syslog, E-mail Alert, SNMP Trap, RMON</li> <li>Shock</li> <li>IEC60068-2-32</li> <li>Vibration</li> <li>IEC60068-2-6</li> <li>Environment Compliance</li> <li>Ordering Information</li> <li>AT-IFS802SP</li> <li>8 10/100TX + 2 10/100/1000T/SFP Combo Managed Industrial Switch</li> </ul>		IEEE 802.1d STP and IEEE 802.1w RSTP			, ,	
<ul> <li>Freefall</li> <li>Freefall</li> <li>IEC60068-2-32</li> <li>IGMP Snooping/ Query for multicast group management, multi-cast filter</li> <li>Vibration</li> <li>IEC60068-2-6</li> <li>Environment Compliance</li> <li>BoHS, WEEE</li> <li>Ordering Information</li> <li>Diagnostics</li> <li>Port Mirroring, LLDP, Real-time traffic statistic, MAC Address Table, SNTP, Syslog, E-mail Alert, SNMP Trap, RMON</li> <li>AT-IFS802SP</li> <li>10/100TX + 2 10/100/1000T/SFP Combo Managed Industrial Switch</li> </ul>	<ul> <li>Security</li> </ul>					
<ul> <li>Traffic Control IGMP Snooping/ Query for multicast group management, multi-cast filter Port trunking, Static IEEE 802.1p QoS/ CoS/TOS/DSCP priority queuing, IEEE 802.3x flow control</li> <li>Diagnostics Port Mirroring, LLDP, Real-time traffic statistic, MAC Address Table, SNTP, Syslog, E-mail Alert, SNMP Trap, RMON</li> <li>IGMP Snooping/ Query for multicast ilter</li> <li>Vibration IEC60068-2-6</li> <li>Environment Compliance RoHS, WEEE</li> <li>Ordering Information</li> <li>AT-IFS802SP</li> <li>8 10/100TX + 2 10/100/1000T/SFP Combo Managed Industrial Switch</li> </ul>			<ul> <li>Shock</li> </ul>			
<ul> <li>group management, multi-cast filter</li> <li>Port trunking, Static IEEE 802.1p QoS/</li> <li>CoS/ToS/DSCP priority queuing, IEEE</li> <li>802.3x flow control</li> <li>Diagnostics</li> <li>Port Mirroring, LLDP, Real-time traffic</li> <li>statistic, MAC Address Table, SNTP, Syslog,</li> <li>E-mail Alert, SNMP Trap, RMON</li> <li>E-mail Alert, SNMP Trap, RMON</li> <li>E-mail Alert, SNMP Trap, RMON</li> </ul>			<ul> <li>Freefall</li> </ul>	IEC60068-2-3	2	
Port trunking, Static IEEE 802.1p QoS/ CoS/ToS/DSCP priority queuing, IEEE 802.3x flow control Diagnostics Port Mirroring, LLDP, Real-time traffic statistic, MAC Address Table, SNTP, Syslog, E-mail Alert, SNMP Trap, RMON	<ul> <li>Traffic Control</li> </ul>		<ul> <li>Vibration</li> </ul>	IEC60068-2-6		
CoS/ToS/DSCP priority queuing, IEEE       Ordering Information         802.3x flow control       AT-IFS802SP         Diagnostics       Port Mirroring, LLDP, Real-time traffic       AT-IFS802SP         statistic, MAC Address Table, SNTP, Syslog,       8 10/100TX + 2 10/100/1000T/SFP Combo Managed Industrial Switch         E-mail Alert, SNMP Trap, RMON       8 10/100TX + 2 10/100/1000T/SFP Combo Managed Industrial Switch			<ul> <li>Environment Compliance</li> </ul>	RoHS, WEEE		
<ul> <li>Diagnostics</li> <li>Port Mirroring, LLDP, Real-time traffic statistic, MAC Address Table, SNTP, Syslog, E-mail Alert, SNMP Trap, RMON</li> <li>Ordering Information</li> <li>AT-IFS802SP</li> <li>8 10/100TX + 2 10/100/1000T/SFP Combo Managed Industrial Switch</li> </ul>						
Diagnostics     Port Mirroring, LLDP, Real-time traffic     statistic, MAC Address Table, SNTP, Syslog,     E-mail Alert, SNMP Trap, RMON     AT-IFS802SP     8 10/100TX + 2 10/100/1000T/SFP Combo Managed Industrial Switch			Ordering Information	ı		
statistic, MAC Address Table, SNTP, Syslog, E-mail Alert, SNMP Trap, RMON 8 10/100TX + 2 10/100/1000T/SFP Combo Managed Industrial Switch	<ul> <li>Diagnostics</li> </ul>		AT-IFS802SP			
	<b>,</b>	statistic, MAC Address Table, SNTP, Syslog,				
		· · · ·	AT-IFS802SP/PoE (W)			

8 10/100TX + 2 10/100/1000T/SFP Combo SFP Combo Wide Operating Temperature (-40°C ~75°C) Managed Industrial Switch

### 🔨 🖉 Allied Telesis

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