

ATC Industrial Ethernet Switch





ATC-408(U)



ATC-405(U)



ATC-205



ATC-505P

ATC-405 Managed Industrial Ethernet switch

Network interface	Interface type	10/100Base T(x) auto negotiation speed, Full/half duplex mode and auto MDI/MDI-X connection	
	Connector	8-pin RJ-45 x 5	
	Isolation protection	Built-in 1.5KV	
Technology	Standard	IEEE802.3 for 10BaseT IEEE802.3u for 100BaseT9x) and 100BaseFx IEEE802.3x for Flow control IEEE802.1D-2004 for Spanning Tree Protocol IEEE802.1w for Rapid STP IEEE802.1s for Multiple spanning tree protocol IEEE802.1Q for VLAN tagging IEEE802.1p for Class of Service IEEE802.1X for Authentication	
	Network protocols	ICMP,IP,TCP,DHCP,BOOTP,Telnet, DNS, HTP, ARP	
	Flow control	802.3X flow control frames on both transmit and receive sides	
	Configure options	Web page, windows utility	
	OS support	windows serial/Linux real/TTY/UNIX	
Switch Properties	Priority Queues	4-level per port	
	max # of VLAN	16	
	VLAN ID Range	VID 1 to 4094	
	IGMP Table	up to 1K	
	Mac table size	2K	
	Rate Control	range 0-100Mbps	
	LED	PWR	Power indicator
		F/H.x	Full/half duplex
		LINK	Network status
		10/100M	Speed Indicator
Power requirement	Input voltage	12VDC (12 to 24VDC, redundant dual input	
	Protection	Over-current and over voltage protection	
	Connector	Removable 4-contact terminal blocks	
Physical Characteristics	Installation	DIN-rail mounting	
	Housing	Aluminum & iron	
	Weight	1.0Kg	
	Dimensions	106 x 54 x 136mm	
Environmental Limits	Operation Temperature	-25 to 70°C	
	Storage Temperature	-40 to 85°C	
	Ambient relative Humidity	5% to 95% (non-condensing)	
Certifications		RoHS, CE, FCC	

ATC-405U Un-managed Industrial Ethernet switch

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	Protection	Over-current and over voltage protection	
	Connector	Removable 4-contact terminal blocks	
Physical Characteristics	Installation	DIN-rail mounting	
	Housing	Aluminum & iron	
	Weight	1.0Kg	
	Dimensions	106 x 54 x 136mm	
Environmental Limits	Operation Temperature	-25 to 70°C	
	Storage Temperature	-40 to 85°C	
	Ambient relative Humidity	5% to 95% (non-condensing)	
Certifications		RoHS, CE, FCC	

ATC-408U Un-managed Industrial Ethernet switch

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Power requirement	Input voltage	12VDC (12 to 24VDC, redundant dual input	
	Protection	Over-current and over voltage protection	
	Connector	Removable 4-contact terminal blocks	
Physical Characteristics	Installation	DIN-rail mounting	
	Housing	Aluminum & iron	
	Weight	1.0Kg	
	Dimensions	106 x 54 x 136mm	
Environmental Limits	Operation Temperature	-25 to 70°C	
	Storage Temperature	-40 to 85°C	
	Ambient relative Humidity	5% to 95% (non-condensing)	
Certifications		RoHS, CE, FCC	

ATC-205 5-Port Management industrial Ethernet Switches

Network interface	Interface	Ethernet: 10/100Base-TX self-adaption, RJ45 port
	Transfer distance	Twisted cable: 100m(CAT5/CAT5e)
	Technology	
	Standards	IEEE802.3, IEEE802.3u
	Support	EMI: FCC Part 15, CISPR (EN55022) class A EMS: EN61000-4-2 (ESD), Level 4 EN61000-4-3(RS), Level 3 EN61000-4-4 (EFT), Level 4 EN61000-4-5 (Surge), Level 4 EN61000-4-6(CS), Level 3 EN61000-4-8(PFM), Level 5 Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Exchange attribute	100M transmit speed	148810pps
	System exchange bandwidth	1 G
	Transfer	Store and forward
	Buffer memory	64Kbits
	MAC Table Size	2K
LED Indicators		Interface: 1~5 (LINK/ACT)
		Power supply: PWR
Power Requirements	Input Voltage	24VDC(12~48VDC)
	Input current	0.02A@24VDC
	Terminal block	3 bits 7.62mm terminal block
	None load consumption	0.48W@24VDC
	Full load consumption	1.2W@24VDC
		Support inside over-current 4.0A protection Support opposite connection protection
Physical Characteristics	Installation	DIN-Rail Mounting
	Shell	IP40, high strength iron shell
	Weight	0.4Kg
	Dimensions	W×H×D: 110 mm×95mm×35mm
Environmental Limits	Operating Temperature	-45 ~ 75°C
	Storage Temperature	-45 ~ 85°C
	Ambient Relative Humidity	10% to 95%(non-condensing)
Warranty		Warranty time: 3 Years
Standards and Certifications		CE, FCC, RoHS, UL508(Pending)

ATC-505P 5-Port 10/100M PoE Industrial switch

Network Interface	Product Model	ATC-505P	ATC-505F-ST/SC
	Interface Type	10Base-TX / 100Base-TX	10Base-TX / 100Base-TX+fiber interface
	Connector	8-pin RJ-45 * 5	8-pin RJ-45 * 4+ST or SC*1
	Isolation Protection	Built-in 1.5KV	Built-in 1.5KV
Technology	Standards	IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) and 100BaseFX IEEE 802.3x for Flow Control IEEE 802.3az EEE IEEE 802.3af IEEE 802.3at IEEE Std 802.1q for VLAN Tagging IEEE 802.1p for Class of Service	
	Network Protocols	ICMP,IP,TCP,UDP,DHCP,BOOTP,Telnet,DNS,HTTP,ARP	
	Flow Control	802.3X flow control frames on both transmit and receive sides	
	Configure Options	Web Page,Windows Utility	
	OS support	Windows Serial / Linux real / TTY / UNIX	
Switch Properties	Priority Queues	Two Priority queues per port	
	Max. Number of Available VLANs	16	
	MAC Table Size	1K	
	Rate Control	Range 0-100Mbps	
LED Indicators		PWR	Power Indicator
		LINK	Connection Status Indicator
		PoE	PoE Status Indicator
Power Requirements	Input Voltage	48V DC	
	Protection	Over-current and over-voltage protection	
PoE parameter	power supply mode	Use 1/2(+), 3/6(-) line of power supply (Can be customized for 4/5(+),7/8(-) line of power supply)	
	Output Voltage	48V DC	
	Anschlusswert	Each port up to 15.4 W	
Physical Characteristics	Installation	DIN-Rail Mounting	
	Housing	Iron	
	Weight	1.0Kg	
	Dimensions	143 × 104× 30mm(5.63*4.09*1.18 in)	
Environmental Limits	Operating Temperature	-25 ~ 70°C (-13 ~ 158°F)	
	Storage Temperature	-40 ~ 85°C (-40 ~ 176°F)	
	Ambient Relative Humidity	5% to 95%(non-condensing)	
Certifications		RoHS, CE, FCC	