ATC-1000, ATC-2000, ATC-3000 Compared list

ATC-1000	ATC-2000	ATC-3000
Serial Interface		
Data Rates	300 bps to 230,400 bps	1200 bps to 230,400 bps	300 bps to 460.800 bps
Characters	5,6,7 or 8 data bits	5 ,6,7 or 8 data bits	5,6,7 or 8 data bits
Parity	None, even, odd, Mark, Space	None, even, odd, Mark, Space	None, even, odd, Mark, Space
Stop Bits	1 , 1.5 or 2	1 or 2	1 ,1.5 or 2
Control Signals	CTS, RTS	DTR, RTS, CTS, DCD, DSR, RI	None, Software: XOF/XOFF
Flow Control	None, XON / XOFF, RTS / CTS	None, XON / XOFF, RTS / CTS	None, XON / XOFF, RTS / CTS
Connector	DB9-DTE for RS-232 (Male). 6 -bit terminal connector for RS-485	DB9-DTE for RS-232 (Male). 6 -bit terminal connector for RS-485	DB9-DTE for RS-232 (Male). 6 -bit terminal connector for RS-485
Network Interface		
Interface	Ethernet 10Base-T or 100Base-TX (Auto-Sensing)	Ethernet 10Base-T or 100Base-TX (Auto-Sensing)	Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
Connector	RJ45	RJ45	RJ45
Protocol	TCP/IP, UDP/IP, ARP, DHCP, ICMP BOOTP Telnet DNS HTTP ARP	TCP, IP, UDP, Telnet, ARP, DHCP, ICMP,SMTP,HTTP,DNS PPPoE BOOTP	ARP, UDP/IP, TCP/IP, PING/ICMP, DHCP, BOOTP, Auto IP,TFTP, SNTP ,TELNET ,HTTP, DNS,SMTP, PPP, LCP, PAP, CHAP, IPCP, PPPoE. SSL/TLS,HTTPS
Indicators (LED)		
• 10/100Base-TX Link & activity indicator • Date Sending / Receiving between Serial and the Ethernet • Power indicator	• 10/100Base-TX Link & activity indicator • Date Sending / Receiving between Serial and the Ethernet • Power indicator	• 10/100Base-TX Link • Date Sending / Receiving between Serial and the Ethernet • Power indicator • Normal connected to the network
Management		
Internal web server, serial, and Microsoft Windows®-based utility for configuration	Support TCP/UDP Server/Client mode User name & password protected for web management	Internal web server, serial, telnet, and Microsoft Windows®-based utility for configuration

	Support backup & restore system configuration data Support alarm system via SMS (Short Message Service) to mobile phone or e-mail to PC	
Security		
Password protection		
Internal Web Server		
Storage Capacity	384KB for web pages	512KB for web pages	384KB for web pages
Architecture		
CPU	Based on the 8051CPU,Frequency 25MHz	16 bit CPU, 100MHz	Embedded high-performance 32-bit network processor,32-bit RISC (NP7/9 series)
Memory	64KB OTP ROM, 32K bytes SRAM	256KB ROM&SDRAM	32MB RAM, 16MB/32MB Code + 32KB Boot
Firmware	Upgradeable by manufacturer	Upgradeable by Customer	Upgradeable by manufacturer
Power		
Input Voltage	9-32 VDC@1A	9-32 VDC@1A	9-32 VDC@1A
Included Software		
MS Window®-based Device Installer software device installer and MS Windows-based Comm Port Redirector	MS Window®-based Device Installer software device installer and MS Windows-based Comm Port Redirector	MS Window®-based Device Installer software device installer and MS Windows-based Comm Port Redirector