ATC-1000,ATC-1200,ATC-2000,ATC-3000 Compared List

Update: Nov 27th, 2017

	ATC-1000	ATC-1200(Recommend)	ATC-2000	ATC-3000
Serial Interface				
Data Rates	300 bps to 230,400 bps	1200 ~ 921,600bps	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	5,6,7 or 8 data bits
Parity	None, even, odd, Mark, Space	None, even, odd	None, even, odd, Mark, Space	None, even, odd, Mark, Space
Stop Bits	1 , 1.5 or 2	1 , 1.5 or 2	1 or 2	1 ,1.5 or 2
Control Signals	CTS, RTS	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	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	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)	Ethernet 10Base-T or 100Base TX(Auto-Sensing)
Connector	RJ45	RJ45	RJ45	RJ45
Protocol	TCP/IP, UDP/IP, ARP, DHCP, ICMP BOOTP DNS HTTP ARP	ICMP,IP,TCP,UDP,DHCP,BOOTP, DNS,HTTP,ARP	TCP, IP, UDP, ARP, DHCP, ICMP,SMTP,HTTP,DNS PPPoEBOOTP	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 & 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
Management				
Internal web server, and Microsoft Windows®-based utility for configuration		Web Page,Windows Utility	Web Page,Windows Utility	Internal web server, serial, telnet, and Microsoft Windows®-based Utility for configuration
Security				
Password protection		Password protection	Password protection	Password protection
Internal Web Server				
Storage Capacity	384KB for web pages	512KB for web pages	512KB for web pages	384KB for web pages
Architecture				
CPU	Based on the 8051CPU, Frequency 25MHz	Embedding RISC CPU 100Mhz (100 MIPS)	16 bit CPU, 100MHz	Embedded high-performance 32-bit network processor, 32-bit RISC (NP7/9 series) frequency of 120Mhz (120 MIPS)
Memory	64KB OTP ROM, 32K bytes SRAM	32KB SRAM.512KB Flash memory	256KB ROM&SDRAM	32MB RAM, 16MB/32MB Code + 32KB Boot
Firmware	Upgradeable by manufacturer	Upgradeable by Customer	Upgradeable by Customer	Upgradeable by Customer
Power				
Input Voltage	9-24 VDC@1A	9-24 VDC@1A	9-24 VDC@1A	9-24 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	MS Window®-based Device Installer software device installer and MS Windows-based Comm Port Redirector