PCtel

NEW DRIVER RELEASE NOTE (7.61s8)

Device Driver:	R7.61s8
Modem Type:	HSP56 MicroModem (1789) consists of the PCT789, PCT301D and PCT301L
CPU Types:	Pentium 166Mhz, AMD K6 (6x86MX) 200Mhz MMX, Cyrix 200Mhz MMX, Celeron 266Mhz
Functions:	Data/Fax/Voice/Speakerphone
OS Platform:	Win95 (OSR1/OSR2) and Win98
ASIC Type:	PCT789

Features:

Data Modulations Supported:

- V.90 A-law/μ-law, K56Flex A-law/μ-law, V.34 (33600 bit/s), V.32bis, V.32, V.22bis, V.22, V.23 (75/1200 & 1200/75). V.21, Bell 212, Bell 103
- V.8, V.8bis, Automode, Auto select V.90/K56Flex

Fax Modulations Supported:

- V.17, V.29, V.27ter, V.21 Channel 2

Other Protocols Supported:

- V.42 (Lap-M), MNP 2~4
- V.42bis, MNP 5
- V.80 Video Conferencing
- Data/Fax/Voice
- Speakerphone

Enhancements / Corrections:

- Improved V.90 connect rate for both μ-law and A-law countries.
- Relaxed V.90 retrain and renegotiation criteria to improve connectivity.
- Improved connectivity while V.90 falls back to V.34.
- Added wake up on ring support for non-ACPI BIOS.
- Provide support for Win 98 Power Management.
- Changed loop current detection algorithm. Delay of 60ms between going offhook and checking the loop current.
- Improved interoperability with Livingston V.90 server.
- Improved echo canceller for V.34 and K56Flex.
- Improved rate negotiation detection for K56Flex.
- Disabled Japan Caller ID.
- Corrected: A disconnect could occur occasionally when falling back to V.34 from V.90.
- Corrected: Modem would not detect dial-tone after x number of calls.
- Corrected: Yamaha recording device selection.
- Resolved dialtone detection problem with some central offices in Taiwan.
- Changed country code name from TBR21 to CTR21.

Leading the World in HSP technology and leading the market with over 4 million modems shipped.