

AT V.250 Commands for V.92

- (1) “AT+MS = V92” - command to enable V.92 mode. All new features are available only if this command is enabled. To disable V.92 use “AT+MS=V90”. To query the mode of operation, use “AT+MS?”.
- (2) “AT+DCS = 1, 1” – command to enable/disable V.44 data compression. The first parameter is for V.42bis and the second parameter is for V.44. An “AT+DCS = 1, 0”, will disable V.44 data compression. V.44 data compression will work only to a V.92 server. To test V.44 between two modems in V.34 mode, use the “AT+DCS = 1, 2” command.
- (3) “AT+PCW = <call waiting>” – Call Waiting Enable command. This command controls the action to be taken upon detection of call waiting tone in V.92 mode.
 <call waiting> = 0, (default) Toggle V.24 Circuit 125, (RI lead) and collect Caller ID if enabled by +VCID
 1 , Hang Up
 2 , Ignore V.92 call waiting
- (4) “AT+PQC = <quick connect>” – This command controls V.92 shortened Phase1 and Phase 2 startup procedures.
 <quick connect> = 0, enable short phase 1 and short phase 2 (default)
 = 1, enable short phase 1
 = 2, enable short phase 2
 = 3, disable short phase 1 and short phase 2
- (5) “AT+PMH = <value>” – command to enable modem on hold feature to a V.92 server.
 <value> = 0, (default) enables initiation of V.92 modem on hold.
 = 1, disable initiation of V.92 modem on hold
- (6) “AT+PMHR” – initiate modem on hold. The modem returns ERROR if modem on hold is not enabled or if the modem is in a idle condition. The modem will respond with the following response :
 +PMHR : <value> = 0 , deny V.92 modem on hold request
 = 1 , grant modem on hold with 10 second timeout
 = 2 , grant modem on hold with 20 second timeout
 = 3 , grant modem on hold with 30 second timeout
 = 4 , grant modem on hold with 40 second timeout
 = 5 , grant modem on hold with 1 minute timeout
 = 6 , grant modem on hold with 2 minute timeout
 = 7 , grant modem on hold with 3 minute timeout
 = 8 , grant modem on hold with 4 minute timeout
 = 9 , grant modem on hold with 6 minute timeout
 = 10 , grant modem on hold with 8 minute timeout
 = 11 , grant modem on hold with 12 minute timeout
 = 12 , grant modem on hold with 16 minute timeout
 = 13 , grant modem on hold with indefinite timeout
- (6) “AT+PIG = 1” – command to enable PCM upstream to a V.92 server (default). To disable PCM upstream, “AT+PIG = 0”. PCM upstream is not supported in this release.
- (7) “AT+PMHF” – V.92 Modem on Hold Hook Flash command. This command causes the modem to go on-hook for ½ second and then return off-hook.