

Com Port Control Compliance

Help Guide

This Help Guide describes the ComPort control and flow control commands supported by the *Ether232Plus*, *Cell232Plus*, and *IP232* in compliance with Request For Comment 2217 (RFC2217). Table 1 lists the Com Port Control commands and which are supported by Precidia. Table 2 lists the line change notifications for the Com Port and the modem line, and Table 3 lists the flow control commands.

Table 1: Com Port Control Commands

Command	Option	Supported
SET-CONTROL	0 - Request Com Port Flow Control Setting	yes
	1 - Use No Flow Control (outbound/both)	yes
	2 - Use XON/XOFF Flow Control (outbound/both)	yes
	3 - Use HARDWARE Flow Control (outbound/both)	yes
	4 - Request BREAK State	yes
	5 - Set BREAK State ON	no
	6 - Set BREAK State OFF	no
	7 - Request DTR Signal State	yes
	8 - Set DTR Signal State ON	yes
	9 - Set DTR Signal State OFF	yes
	10 - Request RTS Signal State	yes
	11 - Set RTS Signal State ON	yes
	12 - Set RTS Signal State OFF	yes
13 - Request Flow Control Setting(inbound)	yes	

Table 1: Com Port Control Commands

Command	Option	Supported
	14 - Use No Flow Control (inbound)	redirected to 1
	15 - Use XON/XOFF Flow Control (inbound)	redirected to 2
	16 - Use HARDWARE Flow Control (inbound)	redirected to 3
	17 - Use DCD Flow Control (out-bound/both)	no
	18 - Use DTR Flow Control (inbound)	no
	19 - Use DSR Flow Control (out-bound/both)	no
LINESTATE-MASK	One byte	yes
MODESTATE-MASK	One byte	yes
PURGE-DATA	1 - purge receive data buffer	no
	2 - purge transmit data buffer	no
	3 - purge both buffer	yes

Table 2: Notification of Com Port and Modem Line Chnages

Command	Value	Supported
NOTIFY-LINESTATE	One byte (8 lines status)	no
NOTIFY-MODEMSTATE	One byte (8 lines status)	DCD, DSR, CTS

Table 3: Flow Control Commands

Command	Value	Supported
FLOWCONTROL-SUSPEND	None	yes
FLOWCONTROL-RESUME	None	yes