

IPocket232 Programming Guide

Printers

Connect a straight through cable from Com port of your PC to dB9 connector on iPocket.

Using a communications program such as HyperTerminal or ProComm, configure a connection for 9600, 8N1, Hardware control, and VT100 emulation.

Power up iPocket. The Serial Status LED blinks.

Push and hold configuration button next to RJ45 on iPocket until Serial Transmit LED lights.

The configuration screen appears with the prompt

```
-----
Precidia                iPocket232 Configuration                v4.03.00
-----
                Device Settings:
1) Ethernet:           192.168.1.6
2) Serial Port:       Telnet
*) Save Current Configuration
-) Exit Configuration (no save)
$) Security Settings
#) System Settings
?) Refresh this Screen
-----
```

Change which option?

“Change which option?” at the bottom. Type 1 to bring up the Ethernet Settings form.

```
-----
Precidia                iPocket232 Configuration                v4.03.00
-----
                Device Settings:                Ethernet Settings:
1) Ethernet:           192.168.1.6                A) IP Address:           192.168.1.6
2) Serial Port:       Telnet                B) Subnet Mask:         255.255.255.0
*) Save Current Configuration                C) Gateway:             192.168.1.1
-) Exit Configuration (no save)                Additional Gateway:
$) Security Settings                D) Network Address:     0.0.0.0
#) System Settings                E) Network Mask:       0.0.0.0
?) Refresh this Screen                F) Gateway:             0.0.0.0
-----
```

Change which option? _

Change which Option? Type A for the IP address and enter the address you have chosen for this device. Our example is 192.168.1.6. Press Enter.

Change which Option? Type B for Subnet mask and enter 255.255.255.0.

Change which Option? Type C for Gateway and enter 192.168.1.1 (or the gateway for your ICP if changed from default.)

Change which Option? Type 2 for Serial Port settings and Enter. This brings up the Serial Port Settings screen (see attached sample.)

Precidia		iPocket232 Configuration		v4.03.00	
Device Settings:			Serial Port Settings:		
1) Ethernet:	192.168.1.6	A) Protocol:	Telnet (cIn)		
2) Serial Port:	Telnet	B) Port Setting:	1200 bps	8N1	(noI)
		C) Connection Control:	DTR/DSR		
		D) Terminal Type:	(not set)		
*) Save Current Configuration		E) Local Port:	0		
-) Exit Configuration (no save)		F) Remote IP:	192.168.1.2		
\$) Security Settings		G) Remote Port:	61321		
#) System Settings		H) Fallback IP:	0.0.0.0		
?) Refresh this Screen		I) Fallback Port:	0		

Change which option?
!timeout! (changes not saved)

Change which Option: Type A for Protocol. For a printer, choose C2.

Change which Option: Type B for Port Settings. Choose settings to match printer.

Change which Option: Type C for Connection Control. For printer choose DTR/DSR.

Change which Option: Type F for Remote IP and enter the IP of the ICP. 192.168.1.2 is default.

Change which Option: Type G for Remote Port and enter the port number for the Bay/Slot/CCt chosen for the device. See table below.

Form 12, Data Assignment: Program an IP SOCKET type data device to an available PLID in the following range.

Form 11, program all 3 baud rates to match the Ipocket.

Form 34, Program the destination for CDE data print.

PLID	Port	<u><i>(The EMEM VM is 6830)</i></u>
1/13/20	61320	
1/13/21	61321	
1/13/22	61322	
1/13/23	61323	
1/13/24	61324	
1/13/25	61325	
1/13/26	61326	
1/13/27	61327	
1/13/28	61328	

Type * to save changes

Type ? to refresh the screen

Type – to exit without saving

If Status LED on iPocket is blinking, it does not see the printer. Correct the cabling.

Link and Status LED should be solid when connected to the printer, which will print a message "Connected to 192.168.1.2:61321"

PMS SERIAL CONNECTION

To connect the PMS computer to the Layer 2 switch using the RS232-to-IP serial port converter, program the converter with the Ethernet settings as above. For Serial Port Settings, using the following.

Setting Value

Protocol Telnet Cln, choose C2
Local Port 0
Port speed Varies with PMS system
Connection control Net-Linked (choose B)
Terminal Type: VT100
Remote IP SX-200 RTC IP Address
Remote Port As programmed in CDE Form 12
Terminators Not required

Precidia	iPocket232 Configuration	v4.03.00
Device Settings:		Serial Port Settings:
1) Ethernet:	192.168.1.6	A) Protocol: Telnet (cln)
2) Serial Port:	Telnet	B) Port Setting: 1200 bps 8N1 (no)
		C) Connection Control: Net-Linked
		D) Terminal Type: VT100
*) Save Current Configuration		E) Local Port: 0
-) Exit Configuration (no save)		F) Remote IP: 192.168.1.2
\$) Security Settings		G) Remote Port: 61322
#) System Settings		H) Fallback IP: 0.0.0.0
?) Refresh this Screen		I) Fallback Port: 0

Type * to save changes

Type ? to refresh the screen

Type – to exit without saving

From the command prompt on the LAN side, ping the iPocket. Our choice of IP address was 192.168.1.6.

Connect a PC with a HyperTerminal session set to the port settings of the iPocket (1200, 8N1 for ease of troubleshooting). Use a straight through cable. The LED's on the iPocket should be:

Ethernet	Transmit blinking intermittently Link lit solid
Serial	Transmit blinking intermittently (ties in with Ether Transmit LED) Status lit solid.

It may be necessary to disconnect and reconnect—the screen should display “Connected to 192.168.1.2:61322 (which matches the ICP IP address plus socket number.)

Type ^F (Ctrl F) on keyboard of PC, and both Transmit LED's on iPocket should blink in response and the screen should show RQINZ. All Is Well. If PMS computer baud rate is higher than 1200, reset the parameters in form 11 of CDE and the port settings in the iPocket to match the PMS computer and cycle the power on the iPocket.

EMBEDDED VOICE MAIL CONNECTION

For PMS to communicate with the voice mail and check mailboxes in and out requires a dedicated port on both the PMS and ICP. A separate IPocket is required, with Remote Port programmed as **6830**, Connection Control is Net Linked. **No programming is required in Form 12 or Form 34.**

The serial port parameter for HIS is 2400, 7, Even, 1 stop bit, no flow control.

The serial port parameter for Encore is 1200, 7, Even, 1 stop bit, no flow control.

Serial Port Settings:	A) Protocol	Telnet(cln)
	B) Port Settings	HIS or ENcore Settings
	C) Connection Control	Net-Linked
	D) Terminal Type	VT100
	F) Remote IP	192.168.1.2
	G) Remote Port	6830

SECURITY SETTINGS

It is also possible to set a password to restrict access to the iPocket. From the configuration screen, press \$ to access security settings.

FACTORY DEFAULT

To restore default settings, unplug the power, press and hold the configuration button while restoring power and continue to hold the configuration button for 15 seconds. The configuration screen will come up. Save a new configuration and press * to save.