

# Xantech XtraLink™ IP - Quick Start Guide

The Xantech XtraLink™ IP is a fully functional stand-alone IP-to-serial remote access controller with internal web server. In addition, it functions as a remote expansion port for the XANTECH series of IP-based control systems. Featuring an RS-232/422/485 port, a POE capable LAN port, and a MicroSD card slot, the XANTECH XtraLink™ IP is the ideal solution for providing LAN based control for serial devices.



## PACKAGE CONTENTS

- XANTECH XtraLink™ IP
- 12V / 14.4W DC power supply

### To restore unit to default settings:

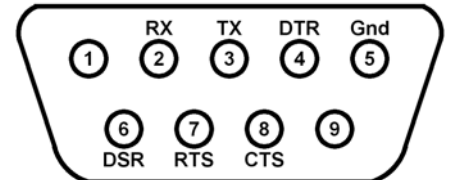
- Power-up XtraLink™ IP
- Press-n-hold reset button for >= 5 seconds.
- IP Address now static at 192.168.1.10 / 255.255.0.0

## WEB INTERFACE

To Connect to XANTECH XtraLink IP Web Page:

1. Apply Power
2. Connect LAN
3. Open Web Browser
4. Enter IP address of the IPRS232 in address bar (default = 192.168.1.10)
5. Login as follows:
  - *User* - admin
  - *Password* - admin

Xantech Xtra Link IP: RS-232  
Pin-out: 9-Pin Male



## XANTECH XTRALINK IP WEB INTERFACE MENU:

- General Settings:** System Info and set Password  
**Network Settings:** Set IP Static / DHCP / Host Name  
**Port Settings:** Set Baud Rate and Communication Method

## SPECIFICATIONS

General	
Processor	32 bit ARM Processor
LAN	10/100 Ethernet with Auto-MDX
Power over Ethernet	Yes
External Power	12v DC aux supply capable
Storage	MicroSD up to 4GB expansion for web pages to be served up and firmware upgrades
Status	Status LED
Setup	Built-in setup web pages
Control Ports	(1) RS-232 / 422 / 485 port with baud rates up to 115KB
Dimensions (WxDxH)	3.37 x 2.81 x 1 inches

## CONNECTIONS

### RJ45 – Network Connection

- Power over Ethernet capable
- 48VDC ( 37-57V range)

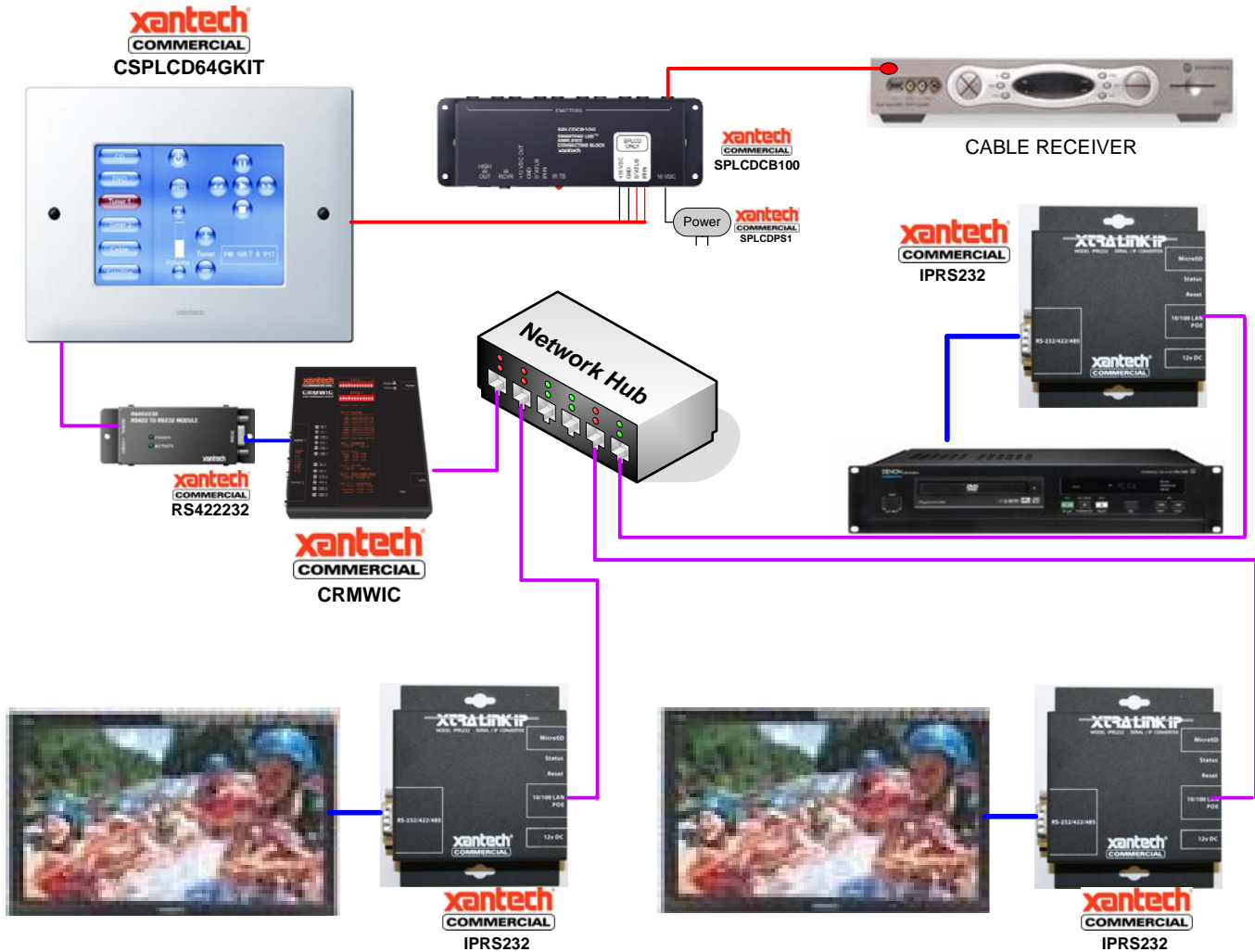
### 9-pin D-sub – RS-232:



Port	RS-232	RS-422/485
1	NC	RX+
2	RX	
3	TX	
4	DTR	TX-
5	GND	GND
6	DSR	
7	RTS	TX+
8	CTS	
9	NC	RX-

## APPLICATION NOTES: Adding Serial Ports to CRMWIC or WIC1200

For use with CRMWIC as in the following Application Drawing, please proceed as follows:



### Serial Port Configuration:

1. Login as stated above.
2. Click on *Serial Port Settings* located in the left pane of the setup page
3. Enter the desired *Baud Rate, Data Size, Parity, Flow Control and Signal Level* to be used. This should match the unit being connected to.
4. For use with the CRMWIC Web Intelligent Controller
  - a) Select *Telnet Client*
  - b) Enter in the *Remote Session IP Address* (This will be the address of the CRMWIC you will be talking to).

### Serial Port Configuration:

5. Click on *IP Settings* located in the left pane of the setup page
6. Enter the Static IP Address, Subnet Mask and Default Gateway for the XTRALINK IP unit
7. Enter a *HostName* if required.

Note: if using multiple IPRS232 XTRALINK IP's make sure each unit has a unique IP address and Host Name.

8. Click *Apply Changes* to save current settings.

Note: PC will need to change to the same Subnet Mask and Default Gateway to re-enter the Setup Page.

## Programming the CRMWIC to communicate to the XTRALINK IP:

To configure the CRMWIC Web Intelligent Controller to communicate to the XTRALINK IP as configured above:

1. Log into the CRMWIC (See CRMWIC Quick Start Guide)
2. Select and highlight the *Event* the Action will be assigned to.
3. Select *Add Action*
4. Select *Telnet* under the *Type* Drop Down menu.
5. Enter the IP Address of the XTRALINK IP as configured above in the *Output to* field.
6. Enter the Serial String to be sent in the *Output Value* field.

See below as a reference:

The screenshot shows the CRMWIC web interface. At the top, there is a navigation bar with the Xantech Commercial logo, the CRMWIC title, and the text 'POWERED BY WACI TECHNOLOGY'. Below this are menu items: SETUP, DIAGNOSTICS, EVENTS, and FILES. The main heading is 'EVENT MANAGER - edit action'. The form displays the following fields and options:

- Action:** \*\*\* new \*\*\* (event: test2)
- Name:** [Empty text box]
- Type:** Telnet (dropdown menu)
- Remote Host:**  local
- Timeout in:** 0 seconds
- Output to:** 192.168.1.10
- (expression)  (evaluate remotely)
- Output value:** !1TV"POWER ON"+

Buttons: Write Action, Cancel, Help