



AxesNet and AxesPOS

START UP MANUAL

V1.00 rev2

February 20th, 2008

1. AxesNet Game Reader

1.1 Before Powering Up

- Connect all the wire as described in the Installation Manual
- Put an AxesNET SIM CARD. The notch should be toward the outside and the SAM's contact should be in opposite direction of the Network Connector from the Red PCB

1.2 Verify Network Connection

- Power up the reader.
- Insert an Admin Card
- Select **SHOW IP ADDR**
 - Button 1 – SCROLL UP BRACKET, Button 5 – SCROLL DOWN BRACKET, Button 10 – ENTER & Button 20 – CANCEL
 - This is the IP address of the reader. This should be different of 0.0.0.0. Example:

MY IP 192.168.0.10

- If not, there are some potential action to do:
 - § Check the Network Cable at the reader (disconnect and reconnect)
 - § Check the Network Cable at hub/switch (disconnect and reconnect)
 - § Check LEDs on HUB and reader(no LED = no physical link)
 - § Check Network path to the router. If possible, plug a laptop instead of the reader to see if get and IP Address. Try to ping the Router and s2.axesnetwork.net
 - § Check DHCP Pool (probably in the Router) to be sure to have enough addresses. Sometimes, there a list of MAC assigned to IP Addresses. If the pool is full, increase it. If the same MAC is use a few times and the pool is full and shouldn't be, deactivate DHCP, reboot the router, reactivate the DHCP, reboot the router.
 - § If the laptop is able to connect to the server but not the reader, your hub/switch is probably not supporting the 10MBits speed. Try a direct cable from the reader to the router (the uplink cable?) in bypassing the hub.
- Press a button. This is the IP address of the Server. This should be different of 0.0.0.0. Example:

IP RESOLVED 208.69.59.73

- If you have 2 addresses different of 0.0.0.0, you now have to see if the reader communicates with the server. Select **SHOW COMM DT.**

- The LAST COMM OK should be Now.
 - If so, you now have to see if the reader received its configuration from the server.
 - Select **SHOW CFG INF**
- CRC: 1234
2008/02/20 12:00
- The Date/Time should be “now” or close to that. (Higher as the shipping date)
 - You could remove your Admin Card for a short period of time to let time to the reader to communicate and try later.
 - If you have IP Address but no Communication:
 - Is it for one reader, all the reader from the same hub or all the reader of the game room? Could be a defective reader, hub, router, web site down.
 - Try a laptop to connect to the web manager
 - If you don’t have laptop, you could use the POS device to do a communication test
 - If the Configuration File has been received, you are ready to play. Use a Player Card for testing all the button values, the bill acceptor and the game transfer.

Values by default:

 - Coin In = 75
 - Coin Out = 25
 - Bill In (Line #2) = 100

You could change those values by the web interface.
 - To see if the Transactions made are sent to the server, you could Select **NETWRK ON**

NETWORK ON
0

The value should be decreasing to 0. It could take few seconds to start decreasing.

1.3 Hints for Reader Identification

Your machines are probably labelled from 1 to ‘X’ or something like this. To be able to do the association, the SIM CARD number is actually the identification of your reader in the Web Interface. To get this number, you could use the Admin Card and Select **SHOW SIM INF**

SIM INFO
#000100135-00999



The first number is the SIM CARD Number. So, you could change the actual Web Description by your own reference.

2. AxesNET POS Device

2.1 Installation – see Manual AxesPOS NET Quick Start V2.3-2.doc

2.2 Network Connection

After the installation and the power up, the easier way to know if the POS device is connected to Internet is to Select **QUERIES**. If you received a list of Queries, you are connected properly. If not, see the above causes of error like the AxesNet Game Reader.

3. Network General Debugging Info

3.1 *Debugging with a Laptop*

3.1.1 IP Config

```
$ Start -> Run -> "cmd" -> OK
$ "ipconfig /all"
$ Verify:
  o IP Address
  o DHCP Server
  o Default Gateway
  o Subnet Mask
  o DNS Servers (The first one must be good. See DNS below)
$ Ping default gateway
$ Ping s2.axesnetwork.net
```

3.1.2 DNS

```
$ Start -> Run -> "cmd" -> OK
$ "nslookup"
$ Should have "Default Server: XYZ"
$ and "Address: xxx.xxx.xxx.xxx". This address should be the same as the previous
  section "Laptop"
  o type "s2.axesnetwork.net" and you should get:
    Non-authoritative answer:
    Name:   s2.axesnetwork.net
    Address: 208.69.59.73
```

3.1.3 Routing

```
$ Start -> Run -> "cmd" -> OK
$ "tracert s2.axesnetwork.net"
$ Should end with "208.69.59.73" after 15-20 hops, through Domain in "Toronto" and
  "citrustech".
```