



METROADVANTA

User's Guide

TABLE OF CONTENTS

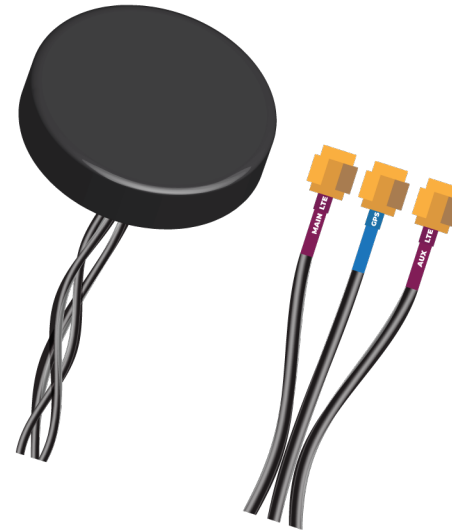
What's In The Box?.....	1
Initial Setup.....	2
Modem Tcp/ip Settings for Hyosung	4
Modem Configuration for Columbus Services Standar 1.....	5
Modem Configuration for Columbus Services Standar 3.....	6
Modem Configuration for Fis Metavante.....	7
Modem Configuration for Switch Commerce.....	8
Modem Configuration for Elan.....	9
Modem Tcp/ip Settings for Genmega	10
Modem Configuration for Columbus Services.....	11
Modem Configuration for Fis Metavante.....	13
Modem Configuration for Switch Commerce.....	15
Modem Configuration for Elan.....	17

WHAT'S IN THE BOX?

1. Metroadvanta 4G Wireless Modem



2. Antenna

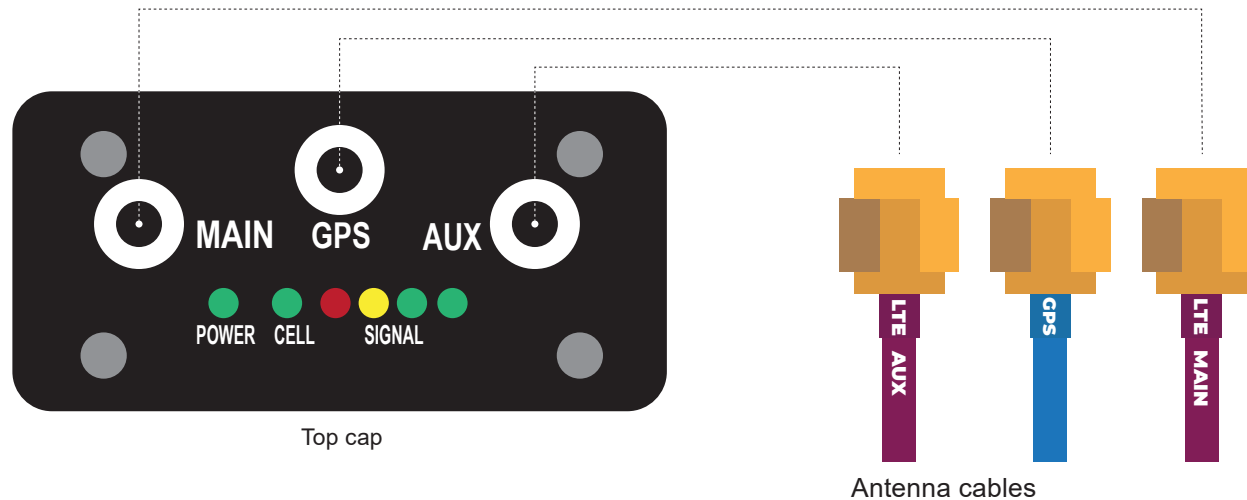


3. AC Adapter



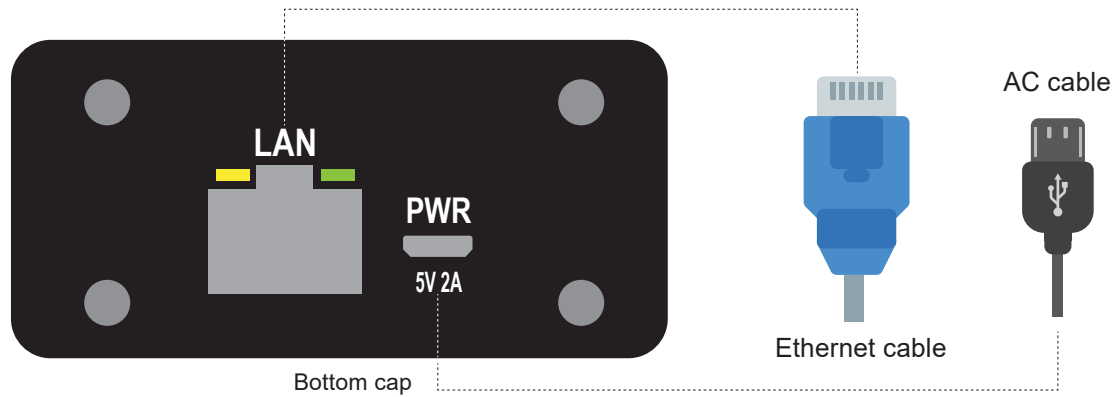
INITIAL SETUP

1. Connect the antenna cables as shown in the figure.
2. Plug the modem to supplied AC Adapter.
3. The Power, CELL and SIGNAL lights will come on and flash solid after a few seconds.
4. When the lights are solid, connect the ethernet cable to the ATM.

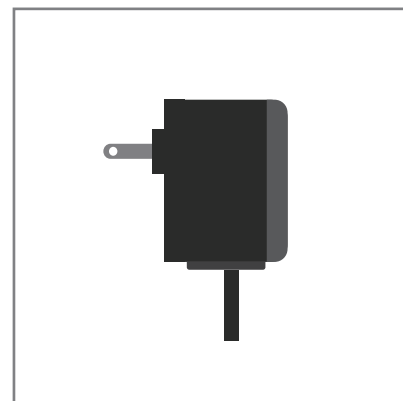


Notes: If the lights are not solid and still blinking, please unplugged de AC adapter and wait until 3-7 min to plug it again. If the problem persist, call to our support center.

INITIAL SETUP



Notes: Please use the AC adapter supplied in this box.



MODEM
TCP / IP SETTINGS
for



MODEM CONFIGURATION

Nautilus Hyosung
COLUMBUS TCP/IP SETTINGS
MetroAdvanta max SYSTECH



*Customer Setup

*Select Processor

* Communication - **TCP/IP**

Message Format - **STANDARD 1**

TCP/IP TYPE

* TCP/IP - **STANDARD**

SSL - **ENABLE**

SSL VERSION -**UP TO TLS V1.2**

SSL CERT - **DISABLE**

Standard 1 Option

terminal status - **ENABLE**

reversal at host error - **ENABLE**

reason for reversal - **DISABLE**

* System Setup

Terminal IP P

DHCP - Enable

* Host Setup

ROUTING ID CDHY

URL EN/DISABLE - **ENABLE**

Host IP Address #1 and 2 (**atm.columbusdata.net**)

* Host Port #1 and #2 (**6965**)

* Terminal ID - example (**P302066**)



MODEM CONFIGURATION

Nautilus Hyosung COLUMBUS TCP/IP SETTINGS MetroAdvanta max SYSTECH



- *Customer Setup
 - *Select Processor
 - * Communication – TCP/IP
 - * Message Format – **STANDARD 3**
 - *TCP/IP TYPE
 - * TCP/IP – STANDARD
 - * SSL – ENABLE
 - * SSL VERSION - UP TO TLS V1.2
 - * SSL CERT – DISABLE
 - *Standard 3 Option
 - * Status Monitoring – ENABLE
 - * Comm Header – ENABLE
 - * Communication ID – (CDSAA0)
 - * CRC EN/DISABLE – DISABLE
 - * System Setup
 - Terminal IP P
 - DHCP - Enable
 - * Host Setup
 - *URL EN/DISABLE –ENABLE
 - *Host IP Address #1 and 2 (atm.columbusdata.net)
 - * Host Port #1 and #2 (6965)
 - * Terminal ID – example (P302066)
BEFORE MASTER KEYS, CHANGE DENOMINATION.
 - * Key Management
 - *Enter master keys
 - * Secure password – example #1 (111111)
 - #2 (222222)
 - * Key Mode
 - * T-DES (3)
 - *Edit Key
- * Reboot Atm.

EMV ADA LIST FROM 13 TO 16 Disable



Nautilus Hyosung
FIS/METAVANTE - PAI
TCP/IP
MetroAdvanta max



- *Customer Setup**
 - *Select Processor
 - * Communication – **TCP/IP**

 - * Message Format – **STANDARD 1**

- *TCP/IP TYPE**
 - * TCP/IP – **STANDARD**
 - * SSL – **ENABLE**
 - * SSL VERSION –**UP TO TLS 1.2**
 - * SSL CERT – **ENABLE**

- *Standard 1 Option**
 - * Terminal Status – **ENABLE**
 - *Reversal at host error– **ENABLE**
 - *Reason for reversal– **ENABLE**

- * Host Setup**
 - *URL EN/DISABLE – **ENABLE**
- *Host IP Address #1 & #2 (eftdebitatm.fnfis.com)**

- * Host Port #1 & #2 (443)**

- * Routing ID: 000000**
- * Customer Setup**
 - Kernel version : V6.0**
 - EMV – AID List - Disable #1, #12, #17 to 20**
 - Fallback : Disable**
- *System Setup**
 - * TERMINAL IP – **DHCP -ENABLE**

 - * Terminal ID – example (**TX020066**)
- BEFORE MASTER KEYS, CHANGE DENOMINATION.**
- * Key Management**
 - *Enter master keys
 - * Secure password – example #1 (111111)
 - #2 (222222)

- * Key Mode**
 - * **T-DES (3)**

- *Reboot Atm**

Nautilus Hyosung
SWITCH COMMERCE - TCP/IP
MetroAdvanta max

Switch 
Commerce

- ***Customer Setup**
 - *Select Processor
 - * Communication – **TCP/IP**
 - * Message Format – **STANDARD 3**
 - *TCP/IP TYPE
 - * **TCP/IP – VISA FRAMED**
 - * **SSL – ENABLE**
 - * **SSL VERSION – UP TO TLS V1.2**
 - * **SSL CERT – DISABLE**
 - * EOT/ENQ OPTION
 - Option – **NO ENQ REQUIRED**
 - ENQ – **NOT REQUIRED**
 - EOT - **REQUIRED**
 - * Standard 3 Option
 - * Status Monitoring – **ENABLE**
 - * Comm Header – **ENABLE**
 - * Communication ID – **123SC101**
 - * CRC EN/DISABLE – **DISABLE**
 - * **Host Setup**
 - *URL EN/DISABLE – **ENABLE**
 - *Host IP Address #1 (**atm1.switchcommerce.net**)
 - #2 (**atm2.switchcommerce.net**)
 - * Host Port #1 (**1440**)
 - #2 (**1440**)
 - ***System Setup**
 - * **TERMINAL IP – DHCP -ENABLE**
 - ***Customer Setup**
 - * **OPTINONAL FUNCTION 1**
 - EMV
 - AID List – **ENABLE ALL AIDs**
 - * Terminal ID – example (**NH020066**)
 - BEFORE MASTER KEYS, CHANGE DENOMINATION.**
 - * **Key Management**
 - *Enter master keys
 - * Secure password – example #1 (111111)
 - #2 (222222)
 - * Key Mode
 - * **T-DES (3)**
- Reboot atm

MODEM CONFIGURATION

Nautilus Hyosung ELAN TCP/IP



*Customer Setup

*Select Processor

* Communication – **TCP/IP**

* Message Format – **STANDARD 3**

*TCP/IP TYPE

* TCP/IP – **VISA FRAMED**

* SSL – **ENABLE**

* SSL VERSION – **UP TO TLS V1.2**

* SSL CERT – **ENABLE**

*Standard 3 Option

* Status Monitoring – **ENABLE**

* Comm Header – **ENABLE**

* Communication ID – **A01105**

* CRC EN/DISABLE – **DISABLE**

* EOT/ENQ OPTION

Option – **NO ENQ REQUIRED**

ENQ – **NOT REQUIRED**

EOT – **REQUIRED**

*System Setup

Terminal IP

DHCP - Enable

* Host Setup

*URL EN/DISABLE – **ENABLE**

*Host IP Address #1 and #2 (**POS.TNSI.COM**)

* Host Port #1 and #2 (**5166**) Older ports: **5362, 5262, 5162** are still enabled

* Terminal ID – example (**HY020066**)

BEFORE MASTER KEYS, CHANGE DENOMINATION.

* Key Management

*Enter master keys

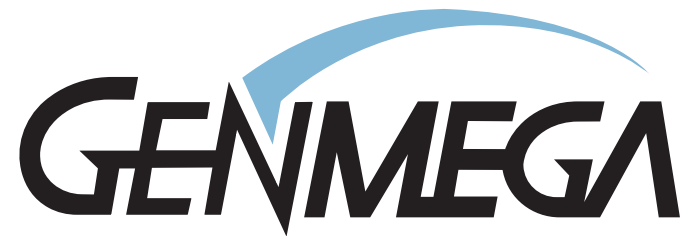
* Secure password – example #1 (111111)
#2 (222222)

* Key Mode

* **T-DES (3)**

*Edit Key

MODEM
TCP / IP SETTINGS
for



MODEM CONFIGURATION

COLUMBUS ONLY GENMEGA



1. System Setup

- * Serial number
- * Change serial number

Customer Setup

- * Optional function
- * Change location name

2. Customer Setup

- * Change Processor
 - * Communication – SSL Pass Through
 - * Message Format – Standard 3
- * SSL Data Format - 7 Bits Even Parity
 - SSL Certification – **Disable**
- * Standard 3 Option
 - * Comm Header – Enabled
 - * Status Monitoring – Enabled
 - * 12 Seq Number – Disabled
 - * Use TCP/IP CRC –Disabled

* SSL Version: TLS 1.2

System Setup (System Setup below should already be configured. If so, please leave it as is)

3. Host Setup

- * Host IP Address # **1 and 2** (**atm.columbusdata.net**)
- * Host Port # **1 AND 2** - (**6965**)
- * Configuration – Schedule
- * **Routing ID** * Change Routing # -
 - Standard 3 (**CDSAA0**)
 - Standard 1 (**CDHY**)

(continue...)



MODEM CONFIGURATION

COLUMBUS ONLY GENMEGA



* Terminal Number

* Change Terminal # - Example (P311490)

BEFORE MASTER KEY YOU SHOULD CHANGE DENOMINATION.

* Key Management

* Enter Secure Password - # 1 (111111)
2 (222222)

* Key Mode

* T-DES

* Edit Master Key

* Key Part A

* Key Index - (00) OR (01)

* Key Entry – A- B

* Key Part B

* Key Index - (00) OR (01)

* Key Entry – A- B

4. System Setup

* Device Setup

* ATM TCP/IP Setup

* TCP/IP Mode - DHCP

PING TO G/W

* IP Address

* Example - (192.168.1.139)

* Subnet Mask

* Example – (255.255.255.)



**FIS/METAVANTE - PAI
GENMEGA G2500**



1. System Setup

- * Serial number
- * Change serial number

2. Customer Setup

- * Change Processor
 - * Communication – SSL Length Prefix with ETX
 - * Message Format – Standard 3
- * SSL Data Format – 8 Bits for MetroAdvanta and Regular Router
- * Standard 3 Option
 - * Comm Header – Disable
 - * Status Monitoring – Enabled
 - * 12 Seq Number – Disabled
 - * Use TCP/IP CRC – Disable

***SSL Version: TLS 1.2**

System Setup (System Setup below should already be configured. If so, please leave it as is)

3. Host Setup

- * Host IP Address #1 & #2 – (**eftdebitatm.fnfis.com**)
- * Host Port #1 & #2 - (**443**)
- * Configuration – Schedule
- * **Routing ID**
 - * Change Routing # - (**000000**)
- * **Terminal Number**
 - * Change Terminal # - Example (**TX92300**)
- * **Key Management**
 - * Enter Secure Password - # 1 (**111111**)
2 (**222222**)

(continue...)

FIS/METAVANTE PAI
GENMEGA G2500



* **Key Mode**

* T-DES

* **Edit Master Key**

* Key Part A

* Key Index - (00) OR (01)

* Key Entry – A- B

* Key Part B

* Key Index - (00) OR (01)

* Key Entry – A- B

4. System Setup

* Device Setup

* ATM TCP/IP Setup

* TCP/IP Mode - **DHCP**

* IP Address

* Example - (192.168.1.100)

* Subnet Mask

* Example – (255.255.255.0)

* Default Gateway

* Example – (192.168.1.1)

Push APPLY to save changes.

REBOOT ATM

SWITCH COMMERCE - internet GENMEGA G2500



1. System Setup

- * Serial number
- * Change serial number

Customer Setup

- * Optional function
- * Change location name

2. Customer Setup

- * Change Processor
 - * Communication – SSL Pass Through
 - * Message Format – Standard 3
- * SSL Data Format -- 7 Bits Even Parity for Regular Router and Metro Advanta.
SSL Certification – **Disable**

* SSL – TLS 1.2

*Customer setup

Optional function – EMV – Enable All AID

- * Standard 3 Option
 - * Comm Header – Enabled
 - * Status Monitoring – Enabled
 - * 12 Seq Number – Disabled
 - * Use TCP/IP CRC – Enable

3. Host Setup

- * Host IP Address #1 (**atm1.switchcommerce.net**)
Host IP Address # 2 (**atm2.switchcommerce.net**)

* Host Port # 1 AND 2 - (1440)

* Configuration – Schedule

* Routing ID

- * Change Routing # - (**123SC101**)

(continue...)



MODEM CONFIGURATION

SWITCH COMMERCE - internet
GENMEGA G2500



*** Terminal Number**

* Change Terminal # - Example (TX032408)

BEFORE MASTER KEYS, CHANGE DENOMINATION.

*** Key Management**

* Enter Secure Password - example # 1 (000000)
2 (000000)

*** Key Mode**

* T-DES

*** Edit Master Key**

* Key Part A

* Key Index - (00) OR (01)

* Key Entry – A- B

* Key Part B

* Key Index - (00) OR (01)

* Key Entry – A- B

4. System Setup

* Device Setup

* ATM TCP/IP Setup

* TCP/IP Mode – DHCP

*Press -- APPLY

PING TO G/W

***REBOOT ATM**



ELAN - internet
GENMEGA G2500



1. System Setup

- * Serial number
- * Change serial number

Customer Setup

- * Optional function
- * Change location name

2. Customer Setup

- * Change Processor
 - * Communication – SSL Pass Through
 - * Message Format – Standard 3
- * SSL Data Format -- 7 Bits Even Parity if unsuccessful, try 8 Bit odd parity
SSL Certification - **Disable**
- * Standard 3 Option
 - * Comm Header – Enabled
 - * Status Monitoring – Enabled
 - * 12 Seq Number – Disabled
 - * Use TCP/IP CRC – Disabled

3. SSL Version: TLS 1.2 _

System Setup (System Setup below should already be configured. If so, please leave it as is)

SSL Verify Certificate: **Enabled**

Host Setup

Change Host IP address 1 and 2: **pos.tnsi.com**

Change Host Port 1 and 2: **5166** Older ports 5362, 5262, 5162 are still enabled

- * Configuration – Schedule

* Routing ID

- * Change Routing # - (A01105)

* Terminal Number

- * Change Terminal # - Example (CI032408)



continue...

MODEM CONFIGURATION

ELAN - internet
GENMEGA G2500



BEFORE MASTER KEYS, CHANGE DENOMINATION.

*** Key Management**

- * Enter Secure Password - example # 1 (000000)
2 (000000)

*** Key Mode**

- * T-DES

*** Edit Master Key**

- * Key Part A
 - * Key Index - (00) OR (01)
 - * Key Entry – A- B
- * Key Part B
 - * Key Index - (00) OR (01)
 - * Key Entry – A- B

4. System Setup

- * Device Setup
 - * ATM TCP/IP Setup
 - * TCP/IP Mode – DHCP
 - * Press -- APPLY
- PING TO G/W**

***REBOOT ATM**





METROADVANTA