

SCS-150 Receiver Processor Board

February 2012

Version 103 Software Update

Effective February 13, 2012, all SCS-150 Receiver Processor Boards are being manufactured and shipped with Version 103 (12/29/11) software.

The SCS-150 Version 103 (12/29/11) software is now available for download on the DMP Dealer Direct Website at <http://dmp.com/dealer>.

Features

Host Automation Over Network

The following options have been added to SCS-150 programming to support Host Automation output messages being sent over an IP network using the on-board Ethernet connection (J3).

Note: The automation software must support host messages over network.

Receiver Options

LOCAL IP ADDRESS
192.168.000.250

Local IP Address

Enter the LOCAL IP ADDRESS of the SCS-150 processor. The Local IP Address must be unique and cannot be duplicated and needs to be on a secure privately accessible network connection. The default value is 192.168.000.250.

LOCAL PORT
2001

Local Port

The LOCAL PORT identifies the SCS-150 IP port used when the host automation computer communicates with the receiver over network. If a setting change is required, enter the new number. Valid range is 1 to 65,535. The default value is 2001.

GATEWAY ADDRESS
000.000.000.000

Gateway Address

Enter the local SCS-150 GATEWAY ADDRESS. You need the SCS-150 Gateway Address if subnets are divided in your network. The default value is 000.000.000.000.

SUBNET MASK:
255.255.255.000

Subnet Mask

Enter the SUBNET MASK assigned to the SCS-150. The default value is 255.255.255.000.

Host Automation

HOST PORT TYPE:
SERIAL

Host Port Type

Select SERIAL to send messages to the host automation computer through the Host Output serial port on the SCS-203 Convenience panel located on the back of the receiver. Select NETWORK to send messages through the network connection on the SCS-150 to the host automation computer. Default is SERIAL.

HOST PORT TYPE:
SERIAL NETWORK

HOST IP ADDRESS:
192.168.000.250

Host IP Address

Enter the Host IP Address. This is the IP address of the host automation computer. The default value is 0.0.0.0.

HOST PORT:
2001

Host Port

The Host Port identifies the port on the host automation computer. Valid range is 1 to 65,535. The default value is 2001.

PROTOCOL: TCP

Protocol

Select TCP to communicate with the host automation computer over the network using TCP protocol. Select UDP to communicate using UDP protocol. Default is TCP.

UDP TCP



Browser Programming

The SCS-150 using Version 103 software now allows programming using a standard web browser in addition to the SCS-1R membrane keypad. To enable browser programming, IP and Gateway addresses must first be programmed in Receiver Options using the SCS-1R membrane keypad.

The following options have been added to the SCS-150 Receiver Options programming to set up the user name and password for access to browser programming.

WEB USER NAME :
NEW

Web User Name

Enter a User Name for web programming access. This is the User Name entered to gain access to the programming and can be up to 10 alpha numeric characters. Default is NEW.

WEB PASSWORD :
NEW

Web Password

Enter the password to use for web programming access. This is the password used to gain access to the programming and can be up to 10 alpha numeric characters. Default is NEW.

After programming the IP and Gateway addresses in Receiver Options at the membrane keypad, connect to the SCS-150 by entering the IP address into the address bar of any web browser. Once connected, the Authentication Required box displays to enter the User Name and Password.

When accessing the programming for the first time, the default User Name and Password are both "NEW". Once in the programming, the User Name and Password should be changed in Receiver Options. The user name and password are case sensitive.

Each SCS-150 programming section in the browser is independent and changes should be saved after programming is completed for each section.

DMP
Digital Monitoring Products

SCS-150 PROGRAMMING OPTIONS

☒ Receiver Options | ☐ Print Options | ☐ Receiver Line Cards | ☐ Host Automation | ☐ Receiver Diagnostics

| | | | |
|-------------------------|--------------------------|---------------------|-----------------|
| Company Name: | ABC Security | Local IP Address: | 192.168.000.250 |
| Receiver Number: | 1 | Local Port: | 2001 |
| Receiver Key: | | Gateway IP Address: | 000.000.000.000 |
| Service Code: | 0 | Subnet Mask: | 255.255.255.000 |
| Hours from GMT: | 6 | Web User Name: | NEW |
| Event Display Priority: | Standard | Web Password: | •••••••• |
| Dialer Line Monitor: | <input type="checkbox"/> | | |

Save Receiver Options Settings

Remote Link Programming

Programming of the SCS-150 Version 103 and higher is no longer supported using Remote Link. Programming of the SCS-150 Version 100 or 101 can still be performed using Remote Link version 1.47 or higher.

Line Card Defaults

The defaults for receiver line cards have been updated to support the current configuration of the receiver.

Line 1 defaults to the SCS-104

Lines 2 - 8 default to NONE

Contact ID

The SCS-150 now accepts and sends Contact ID (CID) signals when used with SCS-104 Line Cards using Version 101 (11/17/11) or higher.

FIRST COMM
TYPE: DD

FIRST COMM TYPE
DD CID

SECOND COMM
TYPE: DD

SECOND COMM TYPE
DD CID NONE

First Communication Type

Select DD to enable all dialer lines on the line card to communicate with panels Using the DMP digital dialer communication format. Select CID to enable all dialer lines on

the line card to communicate with panels using Contact ID format. To change the communication type, press any select key to display the options. Default is DD. If the receiver cannot communicate with the panel using the first communication type, the receiver attempts communication using the second communication type.

Second Communication Type

Select DD to enable all dialer lines on the line card to communicate with panels using the DMP digital dialer communication format if the panel doesn't respond to the first communication type. Select CID to enable all dialer lines on

the line card to communicate with panels using contact ID format. Select NONE to have no second communication type. To change the communication type, press any select key to display the options. Default is NONE.

Line Level Diagnostics

The SCS-150 now provides Line Level Diagnostics for active Digital Dialer (DD) lines of installed SCS-104 Line Cards with software Version 101 (11/17/11) or higher. This feature is available from the membrane keypad under System Status or Receiver Diagnostics in browser programming.

System Status

LINE 81 -16.0dBm
A0000801

Line Level

This displays the signal strength and caller ID information for each line. The card number is listed first: Card 8 in the example. Range is 1-8. The line number is listed second: Line 1 in the example. Range is 1-4 for all enabled SCS-104 lines.

The number in the top line of the display represents the signal strength of the last call in -dBm. The second line displays caller ID information of the last call. If caller ID information is unavailable, the ANI/DNIS information is displayed. If ANI/DNIS information is unavailable, then NO DATA displays. Press the COMMAND key to advance to the next DD line card. If no more DD line cards display, the display advances to the programming menu.

Receiver Diagnostics

| SCS-150 LINE LEVEL DIAGNOSTICS | | | | | | | |
|--------------------------------|-----------|----------|----------|------|-----------|----------|----------|
| SCS-150 Programming | | | | | | | |
| Line | Caller ID | ANI/DNIS | Level | Line | Caller ID | ANI/DNIS | Level |
| 71 | NO DATA | NO DATA | -99.9dBm | 81 | NO DATA | A0000801 | -16.0dBm |
| 72 | NO DATA | NO DATA | -99.9dBm | 82 | 476 | NO DATA | -20.0dBm |
| 73 | NO DATA | NO DATA | -99.9dBm | 83 | 476 | NO DATA | -19.5dBm |
| 74 | NO DATA | NO DATA | -99.9dBm | 84 | NO DATA | A0000801 | -15.0dBm |

NOTE: This tool only measures DD format signals. If -99.9dBm is shown the level was too low to measure or the measurement hasn't been reported yet.

The Line Level Diagnostics window displays the Caller ID information, ANI/DNIS information and signal Strength level for each line. The card number is listed first: Card 7 in the first example. Range is 1-8. The line number is listed second: Line 1 in the example. Range is 1-4 for all SCS-104 DD lines.

Upgrading/Ordering New Firmware

SCS150/UPDATE SD cards may be obtained by calling DMP Customer Service at 1-800-641-4282 or from buy.dmp.com. The update file can also be downloaded from the DMP Dealer Direct Website at <http://dmp.com/dealer> and saved onto an SD card. See the SCS-150 Update Installation Sheet (LT-1056) for complete instructions on how to program an SD card for SCS-150 updates.

TU-0614 © 2012 Digital Monitoring Products, Inc.



800-641-4282

www.dmp.com

Made in the USA

INTRUSION • FIRE • ACCESS • NETWORKS

2500 N. Partnership Boulevard

Springfield, Missouri 65803-8877