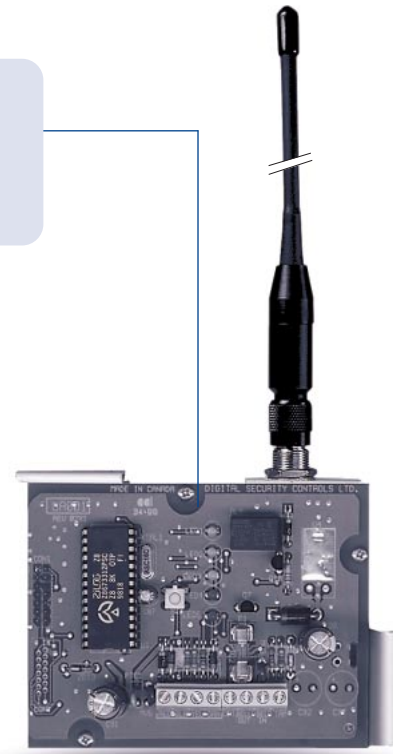


# SKYROUTE™

Cellemetry<sup>SM</sup>

Communications Transceiver  
for DSC® Alarm Panels

by



## ■ Alarm communications via Cellemetry<sup>SM</sup> Data Service...

. uses control channel of existing cellular network

## ■ Compatible with DSC...

- . Power832
- . PC1555
- . PC580

## ■ Easy installation...

. clips into existing panel  
. connects to KEYBUS & Bell circuit

## ■ No additional power required for alarm panel

## ■ Fully programmable via control panel keypad

## ■ Fully supervised

## ■ Signal strength indication

## ■ Does not require cellular voice account

## Flexible Communications

Skyroute provides alarm communications over the Cellemetry Data Network which utilizes the control channel of existing cellular networks. The control channel is faster and less expensive than the cellular voice channel and provides stronger signal strength. Skyroute offers improved security, unlike traditional methods of communication (land lines) that are susceptible to accidental or intentional phone line loss. The system can be used as the sole method of communication to the monitoring station or as a dual transmission path with the standard land line (please contact your monitoring station on dual signal communication).

## Compatible Alarm Panels...

- DSC Power832 .....PC5010 software v1.xx; v2.02 & up  
PC5015 software v1.XX; v2.XX & up
- DSC PC1555 .....software version 2.XX & up
- DSC PC580 .....all versions

## Communication Method...

- AMPS control channel

## Installation...

- mounts in top right corner or bottom left corner of DSC main control panel... *or* ...in remote panel up to 1,000ft (305m) from main control panel
- control is provided via connection to system 4-wire communications bus (KEYBUS)
- antenna connects through cabinet knockout
- antenna may be remote mounted up to 25ft (7.6m) from Skyroute module using an optional extension kit

## Antenna...

- 3 – 5db gain, TNC connector
- Extension kits available :
  - LAE-3... 3ft (0.9m) extension kit
  - LAE-15... 15ft (4.6m) extension kit
  - LAE-25... 25ft (7.6m) extension kit

## Supervision & Status Indicators

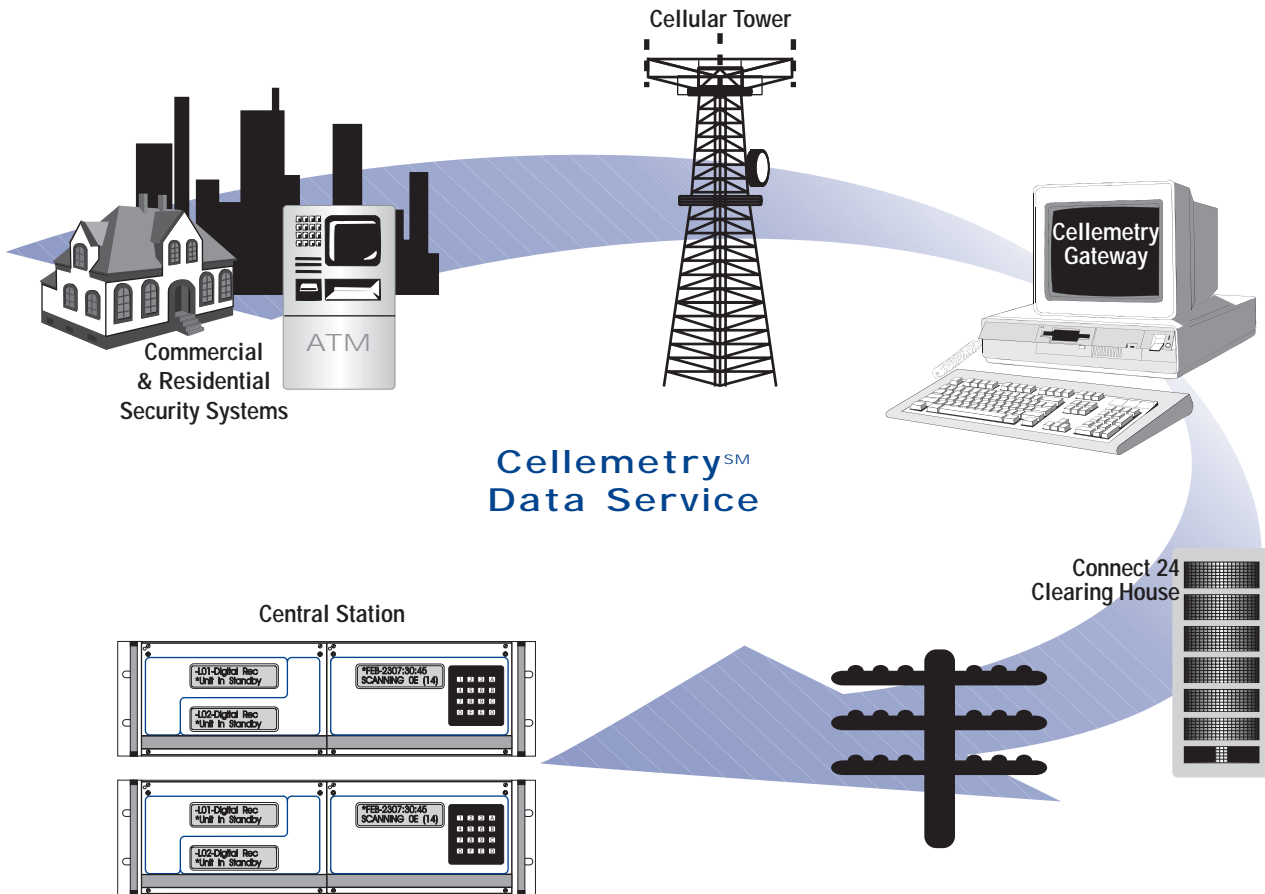
- LED indication of signal strength...
  - maximum, good, and acceptable signal strength
- LED supervisory indication of...
  - normal operation
  - radio not connected
  - failure of self test
  - service not available
  - failure to communicate
  - not connected to Clearing House

## Power Supply...

- from DSC panel KEYBUS... 30mA @ 12VDC
- from DSC panel Bell circuit...
  - standby current ... 90mA @12VDC
  - current when receiving... 135mA @12VDC
  - current when transmitting... 1.3A @12VDC
- on-board fuse protection for bell circuit

## Physical...

- dimensions... 3.5" x 4.6" x 1.8" (8.9 x 11.7 x 4.6 cm)
- weight... 0.5lbs (0.2kg)



**SG SECURITY COMMUNICATIONS**™

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