GENERAL INFORMATION

The Honeywell DCID Dialer Capture Intelligence Device (referred to as the DCID) is intended for use with Honeywell's LYNX-R, LYNXR-EN and LYNXR-24, or First Alert Professional's ReadyGuard-R and ReadyGuard-REN control panels, as these control panels do not communicate directly with Honeywell AlarmNet communication devices over the ECP bus. Since the DCID does not utilize the premises phone line, it is ideal for installations where no phone line service is available.

Notes: The AlarmNet communications product carton must indicate "NOW SUPPORTS DCID". It will work with the 7845GSM and 7845i-GSM. It will not work with the 7845i-ENTV2.

The DCID captures Contact ID messages from a control panel's phone line and sends them to a Honeywell ECP bus AlarmNet communications device (e.g., 7845GSM), which then communicates those messages to the central station over the GSM network or internet.

OPERATION

When an event occurs, the control panel goes off hook to dial the central station. The DCID detects the off-hook condition and provides the control panel with a dial tone. When the control panel detects the dial tone, it begins dialing the central station. After the phone number is completed, the DCID returns a handshake to the control panel.

The control panel then sends the reports to the DCID, which in turn sends them over the ECP bus to the AlarmNet communications device. The DCID kisses off each report received successfully from the control panel. The communications device then transmits the messages to the central station (either over the GSM network, or the internet, as applicable).

When all the reports are sent, the DCID goes off hook.

PACKAGE CONTENTS

The following items are included:

- DCID circuit board with foam mounting tape.
- Enclosure with Summary of Connections label.
- Cable for DCID (N4632-4), and Cable for the AlarmNet communications device (K14580LF).
- RJ-45 Cable (N1867) for connection to the control panel.

SPECIFICATIONS

Physical: 6-1/2" H x 4-1/4” W x 1-1/4” D
(165mm x 110mm x 32mm)

Electrical:
Input Voltage: 6VDC nominal (3.7-9VDC, from the AlarmNet communications device)
Input Current: 40mA standby / 80mA active

INSTALLATION

Note: Ensure the power source complies with the specified input voltage for this device. The power source must utilize a battery backup.

Mounting inside the Supplied enclosure:

The enclosure can be mounted vertically or horizontally. Use at least two mounting holes.

1. Select a mounting location for the enclosure. Preferably close to the GSM radio.
2. Measure and transfer the position of two mounting holes to the desired mounting area.
3. Drill 3/16 inch holes for drywall, or 7/32 inch holes for plaster. Tap in plastic wall anchors.
4. Position the enclosure back, and secure using self-tapping screws into the wall anchors.
5. Orient the DCID circuit board so it is centrally positioned to the upper half of the enclosure back with the Telco jack facing to the right (refer to Figure 1). Then secure using foam mounting tape.
6. Complete the wiring (refer to Figure 2). Secure the external wires using suitable cable fasteners or clamps.

Note: To prevent wires from being crushed between the AlarmNet Communications Device cover ribs and the connector; route the wires towards the top of the unit, around the plastic standoff, and out the case's wire entry port. To provide a strain relief, put one wrap of tape over the wires where it meets the plastic standoff.

7. Affix the supplied Summary of Connections label to the inside of the DCID enclosure cover, and snap the enclosure cover in place.

INSTALLATION AND CONFIGURATION NOTES

Please read each configuration note and implement the appropriate ones for the installation. Mark each "Check Box" to ensure the notes are understood and implemented as necessary.

- The AlarmNet communications device must be configured as device address 3 on the ECP bus. Ensure other devices do not conflict with this address. Additionally, ensure all required reporting fields are programmed.
The subscriber ID sent to the central station will be the one programmed into the AlarmNet communications device, not the one in the control panel.

This product supports 4-digit subscriber account numbers.

Since control panel messages are now routed through the DCID to the central station, the message confirmation kissoff signal sent back to the control panel ONLY confirms the DCID received the message. Under certain communication conditions it is possible that the control panel message was not received by the central station.

When the DCID is first powered up and does not detect an initialized radio within 5 minutes, it will generate a fault to the control panel. Additionally the control panel will not receive phone line voltage. When the radio becomes initialized, normal operation will resume.

Pulse dialing is not supported and must be disabled in the control panel.

Since this product does not communicate through a PABX, do not program the PABX fields.

To ensure the maximum number of messages can be transmitted to the central station before a com failure occurs, ensure the control panel is programmed with primary and secondary central station numbers.

Ensure the control panel is programmed for the maximum number of retry attempts.

This product only supports one-way communications (from the control panel to the central station). For those control panels that support two-way voice communications, speakerphone, paging, follow-me, etc., these features will no longer be available. The control panel must be programmed for one-way communications only.

Since this product only supports one-way communications (from the control panel to the central station), the Honeywell Compass Downloader cannot be used.

Since the LYNXR series does not have a Telco fault detection option, it will not be able to detect a phone line voltage loss (trouble condition) unless it tries to dial out a report (i.e., Test Report) while the fault condition exits.

In the event this product loses power (such as from a cut wire) it would not be able to generate a fault trigger to the control panel and send an alarm. In this case, after the panel has exhausted its redial attempts, a com failure will be displayed by the panel (you may have to scroll through the messages).

When an AlarmNet communications device fault is detected, it will be reported to the control panel as a com failure. If an alarm message for a zone is already present, it may hide the “com failure” message. The com failure message can be displayed by first clearing the zone alarm message(s).

Figure 1: DCID Dialer Capture Intelligence Device mounting in the supplied enclosure.
NOTES:
1. COMBINED LENGTH OF BOTH CABLES SHALL NOT EXCEED 50 FEET.
2. ENSURE THE YELLOW AND GREEN WIRES ARE CROSSED AS SHOWN.

**DCID Interface Wire**

<table>
<thead>
<tr>
<th>Wire</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow</td>
<td>Data Out of DCID</td>
</tr>
<tr>
<td>Red</td>
<td>Input Voltage, 6VDC nominal (3.7-9VDC, from AlarmNet communications device)</td>
</tr>
<tr>
<td>Black</td>
<td>Ground</td>
</tr>
<tr>
<td>Green</td>
<td>Data Into DCID</td>
</tr>
</tbody>
</table>

**Figure 2:** DCID Dialer Capture Intelligence Device connections diagram.
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