

# LYNXDM-GSM

LYNXR-I DESK/WALL MOUNT WITH BUILT-IN  
DIGITAL GSM COMMUNICATOR

# Honeywell



Honeywell is focused on providing the future of alarm communication solutions for the security industry. Alternative communications methods are critical in the marketplace due to VoIP, migration from POTS and growth of digital radio networks.

Honeywell's LYNXDM-GSM supports wall or desktop configurations for the LYNXR-I that includes an integrated GSM (Global System for Mobile) digital cellular communicator that delivers secure, reliable and complementary digital communications via the GSM network. Our exclusive use of dual-path GPRS service with SMS backup provides substantial benefits to protect your investment by future-proofing your

recurring revenue. This ground-breaking communications solution offers full alarm data reporting and uploading/downloading.

The LYNXR-I provides power and up to 24-hours of standby battery back up for the LYNXDM-GSM.

All signals are delivered to Honeywell's AlarmNet Network Control Center which routes the information to the appropriate central station. The state of the art AlarmNet Network Control Center is fully redundant and monitored 24/7. AlarmNet has the ability to route messages using the AlarmNet-i and 800 Plus services, providing true redundancy and multi-path message delivery.

## FEATURES

### Dealer

- Quick connection to compatible LYNXR-I control panels
- Simple programming using a 7720P programming tool
- Reports Fire, burglary and status messages via wireless network
- Allows uploading and downloading of LYNXR-I control panel data via the wireless network
- Provides two-way communication with LYNXR-I using ECP messaging
- No additional power supply needed—LYNXR-I provides power and stand-by battery back up

### Radio Features

- Full Contact ID or ADEMCO High-Speed Reporting format
- 256-bit AES Encryption—Advanced encryption standard used for secure communications
- Dual-Path Technology—Uses GPRS (General Packet Radio Service) as primary digital cellular path and automatically switches to SMS (Short Message Service) if GPRS is unavailable
- Upload/Download—Requires Compass version 1.5.8.54a or higher
- Dynamic Signaling—Provides management of control panel dialer and digital cellular communicator

- Diagnostic LEDs—Provide signal strength and status indications
- QOS—Quality of Service diagnostics via AlarmNet supply vital information including when message was received, battery voltage, input voltage, signal strength and message path
- Web-Based Programming—Allows complete interactive programming from AlarmNet Direct:  
<https://services.alarmnet.com/AlarmnetDirect>.
- Intelligent Supervision—Use of any message generated as supervision message per optional 24-hour or 30-day intervals. This feature effectively limits required messages to be sent.

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## SPECIFICATIONS

### General Specifications

- Dimensions: 8.5" x 6.25" x 1.5"  
(Wall Mount)
- 8.5" x 6.25" x 2.625" (Desk Mount)

### Electrical

- Input Power: 9VAC, 25VA transformer, (included)
- Current Drain: 35mA average standby, 500mA peak transmit

### RF

- Transceiver Type: Tri-Band GSM/GPRS Class 10
- Modulation: GMSK
- Antenna: Internal GSM quad-band antenna 1.3 dBgain

### Environmental

- Operating temperature: -20° C to +55° C (-4° F to 131° F)
- Storage temperature: -40° C to +70° C (40° F to 158° F)
- Humidity: 0 to 90% relative humidity, non-condensing
- Altitude: to 10,000 ft. operating to 40,000 ft. storage

Band	Transmission Frequency (MHz)	Transmit Power (dBm)	Receive Frequency (MHz)	Receive Sensitivity (dBm)	Number of Channels	Channel Spacing (MHz)	Duplex Separation (kHz)
GSM 850	824-849	33	869-894	-107	124	200	45
GSM 1800	1710-1785	33	1805-1880	-106	374	200	95
GSM 1900	1850-1910	33	1930-1990	-105.5	299	200	80

## ORDERING

- LYNXDM-GSM** Desk/Wall Mount for LYNXR-I with Built-In GSM
- LYNXCHKIT-SHA** 24 Hr. Battery for LYNX-I with GSM Radio

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