

MLR2-DG

Multi-Line Digital Receiver

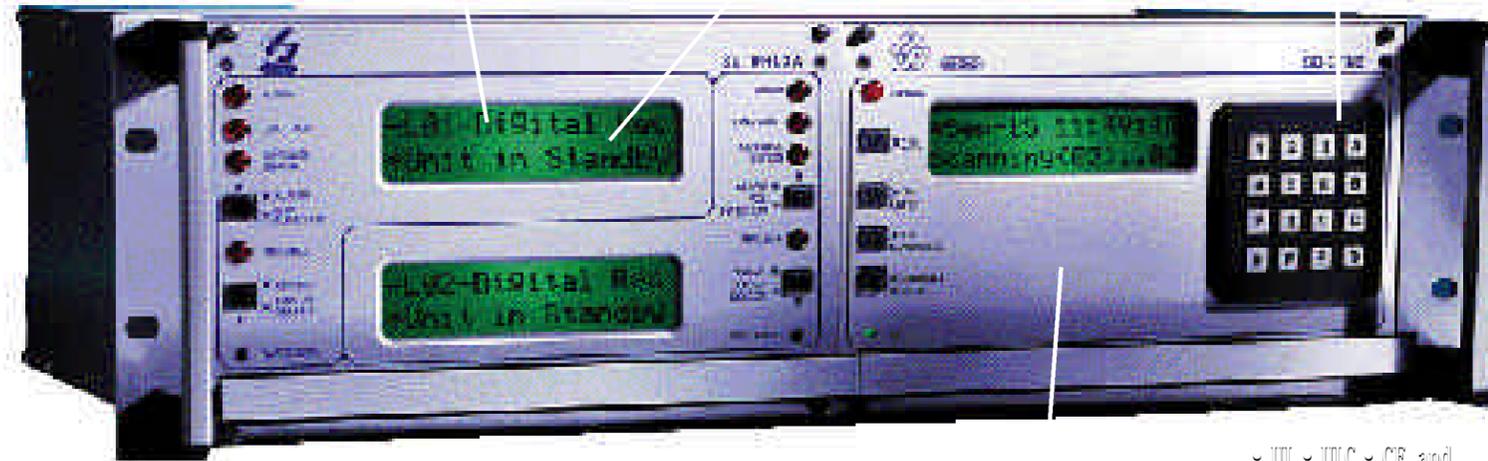
SG Security Communications



Call Display shows originating phone number with date, time and account number. Data received and displayed as a plain language message on individual line cards.

256 event printer buffer for review or hard copy.
256 event serial buffer for review or print-out of central station automated signals.

Serial port parameters and other options are program-mable from the keypad, with menu and data displayed on screen.

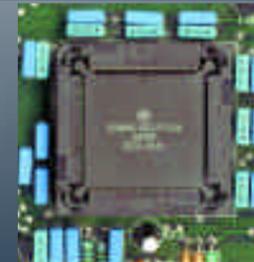


• UL • ULC • CE and other country specific approvals



MLRV-A Downlook® Video Receiver Module. Compatible with MLR2 Receiver. Provides for the receiving of video for verification. Requires expansion cage MLRXV or MLR2XV.

MultiProcessor with powerful 16 bit microcontroller in the CPM2.



MLR2-DG

EXPANDABLE:

- Expandable to 14 lines
- 19 inch rack mount cages
- Total of 7 DRL2A modules
- Ample program memory space: capacity to meet new demands, and decode new formats

COMMUNICATIONS:

- Multiple communication formats, active all lines
 - Two-way audio
- Downlook® video verification

COMPLETELY PROGRAMMABLE:

- Choose the handshakes you want, in the order you want
 - Tailor the output to the computer
- Change the printer and computer output to be full time, backup, or not used
- Customizing is done from the keypad or via serial port with Windows™-based software

EASY ACCESS MONITORING:

- All programming can be verified on the display or printed
 - Printer events, computer events, and call display records can be examined on the display and copied to the printer
- Generous data memory allows for large event buffers

INTERNAL DIAGNOSTICS:

- The CPM2 systematically polls each line card
- The line cards supervise the CPM2 polling
- The printer is checked for presence, paper out, etc
- The computer communication is verified with heartbeat test signals. Signals are buffered during computer outages

CALLER ID:

- Built-in call display gives the phone number the call originates from
- "Ghost," misprogrammed, or malfunctioning dialers, as well as willful interference can now be traced

INSIST ON RELIABILITY:

Separate liquid crystal displays, microprocessors and power supplies for each of the line cards and for the CPM2, combined with special programming, means reliability. The line cards can even keep working with the CPM2 removed from the rack in manual mode. Each line card has two separate and different circuits to decode the pulse/tone data. The user or the program can determine which gives the best results for weak signals.

More Features, More Formats, More Intelligence

SG-DRL2A

Additional Features

- Non-volatile RAM on each DRL2A line card module for the programmable configuration and the 256-event memory buffer.
- Communication formats available:
 - ITI
 - SIA (FSK) format, tone and data acknowledge (Level 1, 2, 3).
 - ADEMCO CONTACT ID, DTMF with checksum.
 - ADEMCO EXPRESS
 - Acron 3-8 or 4-8 DTMF
 - SUR-GARD DTMF 4-3 formats with and without checksum.
 - Franklin/Ademco/Radionics 3-1, 4-1, and 4-2 format 10/14/20 and 40 baud, with and without checksum.
 - Super Fast Ademco or High Speed DTMF 4-8-1
 - RADIONICS, Modem II, IIE
 - SILENT KNIGHT FSK 1, 2
 - Scantronics DTMF Format
 - FSK 200 Baud
 - Telenot / Telim
 - Outel
 - Robofon
 - Scancom

Note: Not all formats listed above are available in one software version. Please contact the distributor or factory for correct software version for desired formats

- The MLR2-DG is Year 2000 compliant.

- 1400 Hz, 2300 Hz, dual tone, and FSK handshakes, with handshake order selection and spacing (up to 9 handshakes in 6 spaces).
- Output for two-way audio (listen-in).
- 128 event memory buffer on the CPM2.
- Downlook® video integration.
- Real-time clock.
- 1 parallel printer port and 2 serial RS232 ports.
- Programmable serial port configuration:
 - Wait for Ack time, baud rate, data bits, parity.
- Fast transmission (no delay) of multiple alarms to the computer and printer, for quick operator response.
- Computer format with time and date, sent with or without supervisory signal. Heartbeat can be selected.
- 3 programmable outputs (sw. neg.) one with "option" LED.
- Output for acknowledge, trouble and buzzer.
- Low battery detection and automatic disconnect of discharged battery to extend battery life.
- AC loss detection and battery supervision.
- Telephone line supervision.
- Each line card has serial control lines, for audio, video or other custom applications.
- External Ack/Tamper input for wiring of normally open contact.
- Two-way Audio

Specifications

| | Weight | | Height | | Width | | depth | | Current mA |
|------------|--------|------|--------|--------|-------|--------|-------|--------|---------------|
| | kg | lbs | cm | inches | cm | inches | cm | inches | |
| MLR2-DG | 4.9 | 10.8 | 13.3 | 5.2 | 48.3 | 19.0 | 28.0 | 11.0 | 300 |
| CPM2 Only | 1.4 | 3.1 | 12.9 | 5.1 | 21.3 | 8.4 | 24.8 | 9.8 | 150 |
| DRL2A Only | 1.8 | 4.0 | 12.9 | 5.1 | 21.3 | 8.4 | 24.8 | 9.8 | 150 |
| MLRVA Only | 0.9 | 2.0 | 12.9 | 5.1 | 10.6 | 4.2 | 24.8 | 9.8 | 220 |

The MLR2 is packed in a 3U (5 1/4") height eurocard cage for 19" rack mount. Desktop cases are available as an option.



Battery: 12V rechargeable, 4 to 38 AH (Required)
Transformer: 16V 40VA-MLR2 (Required)
Transformer: 16V 75VA-4 to 14 Lines (Required)



and other country specific approvals

Ordering Information

- MLR2-DG, 2 line digital dialer receiver
- MLRVA, Downlook® module
- MLRX, expansion cage for 2 DRL2A-DVL2A modules
- MLR2XV, expansion card cage for 1 DRL2A module and 2 MLRVA modules
- MLRXV, expansion card cage for 4 MLRVA modules
- DRL2A, 2 digital line module
- CABINET-CXS, 2 line desk mount (Non U.L.)
- CABINET-CS, 6 line desk mount (U.L.)
- CABINET-CM, 14 line desk mount (U.L.)
- CABINET-CL, 14 line floor mount (U.L.)

MLR2-SP, SPARE PARTS KIT (includes):

- CPM2, Central Processor Module
- DRL2A, 2-line digital module
- DML2A, backplane circuit board
- DML4, backplane circuit board
- MCBL, telephone connection cable
- CH6UF2, power ribbon cable
- CH6UF3, data bus ribbon cable



www.sur-gard.com

For more information please contact your nearest Sur-Gard/DSC Distributor or visit our website at www.dscltd.com.

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MLR2

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