

INTEGRASAT SOLUCIONES CENTER S.R.L

RUC: 20455256357

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|---------|
| COT.    |
| A-01281 |

Atendiendo su amable solicitud estamos enviando cotización de los productos requeridos, para nosotros es un placer poner nuestra compañía a su servicio.

| RPC / RPM |                                                     |          |      | FECHA       | CIUDAD    |
|-----------|-----------------------------------------------------|----------|------|-------------|-----------|
| -         | 959354677 - #999033365                              |          |      | 17-sep-2016 | -         |
|           |                                                     |          |      |             | T. PAGO   |
| ITEM      | DESCRIPCION                                         | CANTIDAD | UNID | PRECIO.UNIT | TOTAL     |
| 1         | PANEL DE DETECCION DE HUMO SECUTRON SC-MR-2300-LCDR | 1        | UNID | S/. 1,780   | S/. 1,780 |
| 2         |                                                     |          | UNID | S/. 0       | S/. 0     |
| 3         |                                                     |          | UNID | S/. 0       | S/. 0     |
| 4         |                                                     |          | UNID | S/. 0       | S/. 0     |
| 5         |                                                     |          | UNID | S/. 0       | S/. 0     |
| 6         |                                                     |          | UNID | S/. 0       | S/. 0     |
| 7         |                                                     |          | UNID | S/. 0       | S/. 0     |
| 8         |                                                     |          | UNID | S/. 0       | S/. 0     |
| 9         |                                                     |          | UNID | S/. 0       | S/. 0     |
| 10        |                                                     |          |      | S/. 0       | S/. 0     |
| 11        |                                                     |          |      | S/. 0       | S/. 0     |
| 12        |                                                     |          |      | S/. 0       | S/. 0     |
|           |                                                     |          |      | TOTAL       | S/. 1,780 |
|           |                                                     |          |      |             |           |
|           |                                                     |          |      |             |           |
|           |                                                     |          |      |             |           |
|           |                                                     |          |      | VALOR TOTAL | S/. 1,780 |

ATENTAMENTE  
Percy Guerrero  
RPM # 999033365 RPC: 959354677

**CONDICION DE COMPRA**

- Los Precios están expresados en Moneda Soles
- Validez de la Propuesta: 30 días o hasta agotar stock"

**GARANTIA DEL PRODUCTO**

- GARANTIA DE 18 AÑOS

**FORMA DE PAGO**

**PLAZO DE ENTREGA**

- Entrega Inmediata o dentro de 24 a 48 horas

**FORMAS DE PAGO**

- EN CASO DE ENTIDADES PUBLICAS EL PAGO ES DESPUES DE LA ADQUISICION EN LOS ALMACENES DE LA INSTITUCION

**-EN CASO DE EMPRESA PRIVADA**

Opcion1: (Envio courier gratis): previo depósito de la totalidad a las cuentas del banco (envio gratis) a la cuenta corriente bcp soles

Opcion2: (Entrega en nuestras oficinas):

Solicitar la direccion mas cercana a su residencia al rpm #999033365 rpc: 959354677, estamos ubicados en - (Distritos de surco, javier prado y wilson) , arequipa, trujillo, otros departamentos

Opcion3: Para Entidades del Estado : Pago despues de la Entrega"

**DIRECCIONES**

-

Dirección Principal : Av Manuel Olguin 335 - Santiago de Surco

-

Direcciones en Arequipa -Trujillo -Chiclayo -Tacna -Cusco -Moquegua -Cajamrca -Ica -Piura -Tumbes -Loreto

**AREQUIPA**

Calle Rivero 107 oficina 302g

**CUENTAS DEL BANCO**

Cuenta Corriente BCP Soles: INTEGRASAT SOLUCIONES CENTER S.R.L  
215-2050250-0-12

Cuenta Corriente BCP DOLARES : INTEGRASAT SOLUCIONES CENTER S.R.L  
215-2131402-1-39

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**TELEFONOS Y RAZON SOCIAL**

TELF. -: - TELF. PROVINCIAS : 054-696980

RPM #999033365 RPC: 959354677

**RAZON SOCIAL**

Razón Social: INTEGRASAT SOLUCIONES CENTER S.R.L

RUC: 20455256357



## CONVENTIONAL FIRE ALARM CONTROL UNITS

### MR-2300 SERIES Fire Alarm Control Units



#### Description

Secutron's MR-2300 Series fire alarm control panels consist of six and twelve zone models which are equipped with a two line by 20 character back-lit LCD display, numerical keypad and an integrated UDACT/Digital Communicator. The MR-2300 family also includes a twelve zone model that is equipped with an LED display and an integrated UDACT/Digital Communicator. In addition the MR-2300 Series family includes remote LCD annunciators, LED annunciators and remote smart relay modules.

The MR-2300 Series panels are ideal for both new and retrofit applications. Designed for small to medium commercial, institutional and industrial occupancies, these panels are powerful enough to meet today's installation demands. The MR-2300 Series panels are configurable by the keypad for onsite programming or by a PC for both onsite and remote programming. Easy to install and simple to operate and configure, the MR-2300 Series panels enable the installer to configure the system to meet their specific requirements.

The MR-2300 Series panels are equipped with a 5 Amp power supply, 4-wire resettable smoke power supply (300mA max.) and an RS-485 interface for remote LCD annunciators, LED annunciators and Remote Smart Relay modules.

All MR-2300 Series panels come complete with a red door, black enclosure, durable CAT-30 lock and key and space to mount up to 12 AH batteries. Optional trim rings are available for semi-flush mounting.

#### Features

- Listed to UL 864, 9th edition• Available in six and twelve zone models
- Available in LED and LCD Display configurations
- LCD Display versions are equipped with a 2 line by 20 character back-lit LCD display and numerical keypad
- Integrated UDACT/Digital Communicator on select models
- Front panel and PC programmable
- LED Display versions are front panel (using CFG-300 configuration tool) and PC programmable
- Remote upload/download capabilities
- Base panel is equipped with Class "B" (Style "B") initiating circuits which may be configured as Class "A" (Style "D") using a Class "A" converter module
- Initiating circuits may be configured as Alarm, Verified Alarm, Waterflow Alarm, Sprinkler Alarm, Latching or Non-Latching Supervisory, Monitor and Trouble-Only
- Base panel is equipped with Class "B" (Style "Y") indicating circuits which may be configured as Class "A" (Style "Z") using a Class "A" signal converter module
- Audible signals may be configured for Steady, Temporal Code, California Code and March Time
- Indicating Circuits may be configured as Silenceable or Non-Silenceable for both signals and strobes
- Built-in sync protocols for the following strobe manufacturers: Mircom, Amseco, System Sensor, Gentex, Faraday and Wheelock
- Relay contacts for Common Alarm, Auxiliary/Alarm (Disconnectable), Common Supervisory and Common Trouble
- Configurable Signal Silence Inhibit, Auto Signal Silence and One-Man Walk Test
- Subsequent Alarm, Supervisory, and Trouble operation
- RS-485 Interface for Remote LED Annunciators, LCD Annunciators and Remote Smart Relay Modules
- Two event history logs comprised of a 200 event alarm log for alarm related events and a 200 event general log for all other events
- 5 Amp Power Supply
- Optional modules for additional internal relay circuits and City Tie/Polarity Reversal
- Optional trim rings for semi-flush mounting



S6619



S6619  
(LED Models)



7165-1656:129  
7165-1656:131

**MEA**  
approved

352-03-E

## MR-2300 Series LCD Version Models



### MR-2306-DDR Six Zone LCD Display Fire Alarm Control Panel

The MR-2306-DDR is equipped with six Class "B" (Style "B") initiating circuits and two Class "B" (Style "Y") indicating circuits rated @ 1.7 Amps maximum. (Total of 5 Amps) The MR-2306-DDR is equipped with a built-in UDACT/Digital Communicator. One MR-2300-A Six Initiating Circuit Class "A" Converter Modules may be used for Class "A" (Style "D") wiring of the initiating circuits. One MR-2300-NC2 Two Indicating Circuit Class "A" Converter Module may be used for Class "A" (Style "Z") wiring of the indicating circuits. The cabinet will support up to 12 AH batteries. The panels can be semi-flush mounted with the optional MR-2300TRB trim ring. *Note: Not ULC listed.*

#### Dimensions

MR-2306-DDR: 20"H x 14.5"W x 4.5"D

MR-2306-FT: 22.5"H x 17"W



### MR-2312-DDR Twelve Zone LCD Display Fire Alarm Control Panel with UDACT/Digital Communicator

The MR-2312-DDR is equipped with twelve Class "B" (Style "B") initiating circuits and four Class "B" (Style "Y") indicating circuits @ 1.7 Amps maximum. (Total of 5 Amps). Two MR-2300-A Six Initiating Circuit Class "A" Converter Module may be used for Class "A" (Style "D") wiring of the initiating circuits. One MR-2300-NC4 Four Indicating Circuit Class "A" Converter Module may be used for Class "A" (Style "Z") wiring of the indicating circuits. The MR-2312-DDR has a built-in UDACT/Digital Communicator and the cabinet will support up to 12 AH batteries. The panel can be semi-flush mounted with the optional MR-2312-FT trim ring. *Note: Not ULC listed.*

#### Dimensions

MR-2312-DDR: 26"H x 14.5"W x 4.5"D

MR-2312-FT: 28.5"H x 17"W

## MR-2300 Series LED Version Models



### MR-2312-LDR Twelve Zone LED Display Fire Alarm Control Panel with UDACT/Digital Communicator

The MR-2312-LDR is equipped with twelve Class "B" (Style "B") initiating circuits and four Class "B" (Style "Y") indicating circuits rated @ 1.7 Amps maximum. (Total of 5 Amps) Two MR-2300-A Six Initiating Circuit Class "A" Converter Modules may be used for Class "A" (Style "D") wiring of the initiating circuits. One MR-2300-NC4 Four Indicating Circuit Class "A" Converter Module may be used for Class "A" (Style "Z") wiring of the indicating circuits. The MR-2312-LDR is configurable by the keypad (using the CFG-300 Configuration Tool) for onsite programming or by a PC for both onsite and remote programming. The MR-2312-LDR has a built-in UDACT/Digital Communicator and the cabinet will support up to 12 AH batteries. The panel can be semi-flush mounted with the optional MR-2312-FT trim ring.

#### Dimensions

MR-2312-LDR: 26"H x 14.5"W x 4.5"D

MR-2312-FT: 28.5"H x 17"W

## Specifications

|                                                                             |                                                                             |                                   |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------|
| <b>AC Input</b>                                                             | <b>Unfiltered supply (full wave rectified)</b>                              |                                   |
| 120VAC @ 60Hz                                                               | Power limited / 24VDC unfiltered / 1.7A max at 49°C                         |                                   |
| <b>Standby Power</b>                                                        | <b>Auxiliary Relays (Common alarm/supv/trb/ and auxiliary second alarm)</b> |                                   |
| 24VDC standby batteries                                                     | FormC / 28VDC / 1A max                                                      |                                   |
| <b>Charging Capability</b>                                                  | <b>Current Consumption</b>                                                  |                                   |
| 4 to 12 AH                                                                  | <b>Model</b>                                                                | <b>Standby</b>                    |
| <b>Indicating Circuits</b>                                                  |                                                                             | <b>Alarm</b>                      |
| Power limited / 24VDC unfiltered / 1.7A @ 49°C per circuit. Maximum 5 Amps. | MR-2306-DDR                                                                 | 142 mA (112 mA*) 312 mA (282 mA*) |
| <b>Aux supply (non resetable)</b>                                           | MR-2312-DDR                                                                 | 174mA (104 mA*) 444mA (394 mA*)   |
| Power limited / 22.3VDC regulated / 500mA max                               | MR-2312-LDR                                                                 | 164mA (104 mA*) 424mA (364 mA*)   |
| <b>4-wire smoke supply (resetable)</b>                                      |                                                                             |                                   |
| Power limited/22.3VDC regulated / 300mA max                                 |                                                                             |                                   |

## Ordering Information

| Model                                  | Description                                                                              |
|----------------------------------------|------------------------------------------------------------------------------------------|
| <b>Control Units</b>                   |                                                                                          |
| MR-2306-DDR*                           | Six Zone LCD Display Fire Alarm Control Unit with built-in UDACT/Digital Communicator    |
| MR-2312-DDR*                           | Twelve Zone LCD Display Fire Alarm Control Unit with built-in UDACT/Digital Communicator |
| MR-2312-LDR                            | Twelve Zone LED Display Fire Alarm Control Unit with built-in UDACT/Digital Communicator |
| <b>Remote Annunciators and modules</b> |                                                                                          |
| MR-2300-LCDR                           | Remote LCD Annunciator (Red enclosure) (Note: ULC Listed as an Ancillary Device.)        |
| MR-2300-LCDW                           | Remote LCD Annunciator (White enclosure) (Note: ULC Listed as an Ancillary Device.)      |
| MR-2306-ATR                            | Eight zone Remote LED Annunciator (Note: ULC Listed as an Ancillary Device.)             |
| MR-2312-ATR                            | Sixteen zone Remote LED Annunciator (Note: ULC Listed as an Ancillary Device.)           |
| RAM-1016TZDS                           | Sixteen zone Remote LED Annunciator with individual Trouble LEDs                         |
| MR-2312-SR12                           | Remote Relay Module with red enclosure                                                   |
| MMX-BB-1001R                           | Red enclosure for RAM-1016TZDS                                                           |
| <b>Adder Modules</b>                   |                                                                                          |
| MR-2300-A                              | Six Initiating Circuit Class "A" Converter Module                                        |
| MR-2300-NC4                            | Four Indicating Circuit Class "A" Converter Module                                       |
| MR-2300-NC2                            | Two Indicating Circuit Class "A" Converter Module                                        |
| MR-2306-R6                             | Six Relay Circuit Adder Module                                                           |
| MR-2312-R12                            | Twelve Relay Circuit Adder Module                                                        |
| MR-2300-PR                             | Polarity Reversal/City Tie Module                                                        |
| MR-2300-X                              | Active End-of-Line Resistor                                                              |
| <b>Accessories</b>                     |                                                                                          |
| MR-2306-FT                             | Black Semi-Flush Trim Ring for MR-2306 enclosures                                        |
| MR-2312-FT                             | Black Universal Semi-Flush Trim Ring for MR-2312 enclosures                              |
| CFG-300                                | Configuration Tool for MR-2312-LCDR                                                      |
| UIMA                                   | Universal Programming Tool                                                               |

\* Note: Not ULC Listed