

Product Preview

December, 2001

MODEL NUMBER CODING

LV-A.B-CD-CE

- A - Number of pixel per row
- B - Number of pixel per column
- C - Colour
 - R - Red
 - G - Green
 - A - Amber
 - O/R - Orange Red
 - RG - Red / Green
- D - Pixel Size
 - M - 3mm diameter / 4mm pitch
 - XM - 3mm diameter / 4.7mm pitch
 - L - 4.8mm diameter / 5.8mm pitch
 - VL - 5mm diameter / 7.62mm pitch
 - Q - 3mm x 3mm Square
- E - Option Function
 - LB - with a 40mm x 40mm light bar
 - 7B - Used without LiftMaster™ Signal Controller, 5 bits floor input and Up / Down arrow

Model	Pixel Size					Colour					Features				
	M	XM	L	VL	Q	R	A	O/R	RG	Group ID	Arrival Blink*	Alarm Light Bar	Alarm Message	Graphics	Max. No. of Floor
LV-10.07 Series [#]															128
LV-10.14 Series [#]															128
LV-15.16 Series [§]															128
LV-16.16 Series															85
LV-16.32 Series															85
LV-20.07 Series [§]															128
LV-32.16 Series															85
LV-48.16 Series															240
LV-64.16 Series															240
LV-144.16 Series															240
LV-176.16 Series															240

Note:

[#] LV-10.07 series and LV-10.14 series are with a 40mm x 40mm light bar.

e.g. **LV-10.07-RVL-RLB** has a red colour light bar.



[§] LV-15.16 series and LV-20.07 series can be used without LiftMaster™ Signal Controller, therefore they have onboard binary input (**5 bits Floor Input and Up / Down Arrow**)

e.g. **LV-15.16-RXM** is without onboard binary input

LV-15.16-RXM-7B is with 7 bits onboard input

* Arrival blink is a optional feature. The full version display has **Floor ID Selector**, which is used to identify the floor number. While the lift arrives certain floor, the arrow is blinking.



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STATUS OF DISPLAY UP/DOWN ARROW

LiftMaster Signal Controller				LiftView	Display Board
Up Arrival	Down Arrival	Up Arrow	Down Arrow		
L	L	L	L	-	-
L	L	X	H	-	
L	L	H	L		-
X	H	X	X	-	*
H	L	X	X	*	-

Note :

H -- Triggered

L -- Non-triggered

X -- Don't care

- -- Does not display arrow

-- Display arrow

* -- The arrow blinks, when the lift arrives certain floor

(LiftView display board has Floor ID Select Function)

LIFTVIEW™ SYSTEM COMPONENTS

LiftView™ system includes the following software and hardware:

LiftCentral™ software is a user friendly editor

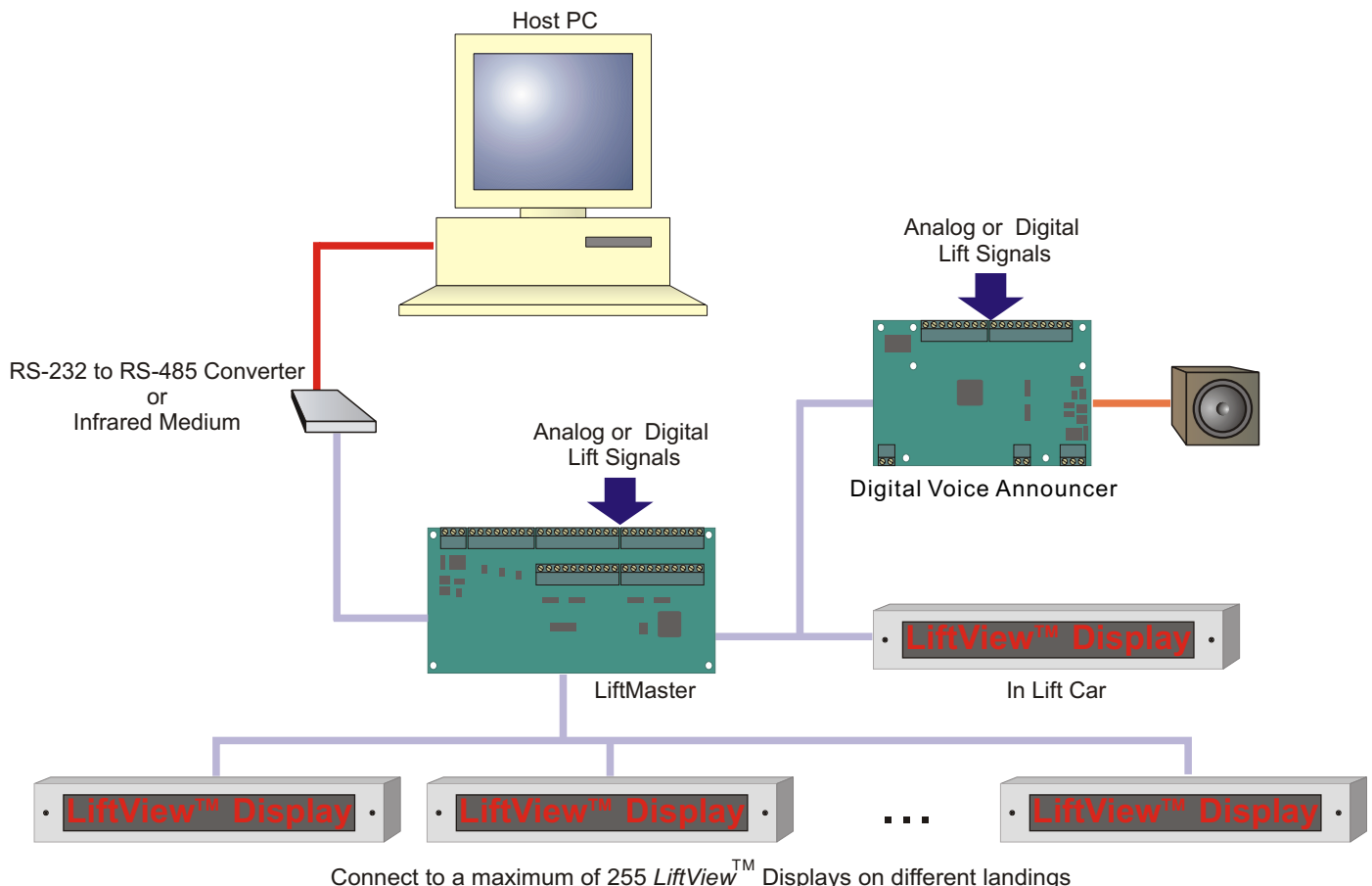
LiftView™ display boards is a display module designed for lift landings and the interior of lift cabins.

LiftSpeaker™ digital voice announcer is a stand-alone module. It works in conjunction with

LiftView™ display board to broadcast lift levels and other pre-recorded announcements.

LiftMaster™ signal controller decodes signals from a lift controller, and updates attached LiftView™ displays accordingly.

RS-232 to RS-485 Converter or Infrared Medium act as an interface between the Host PC and the LiftMaster™ controller.

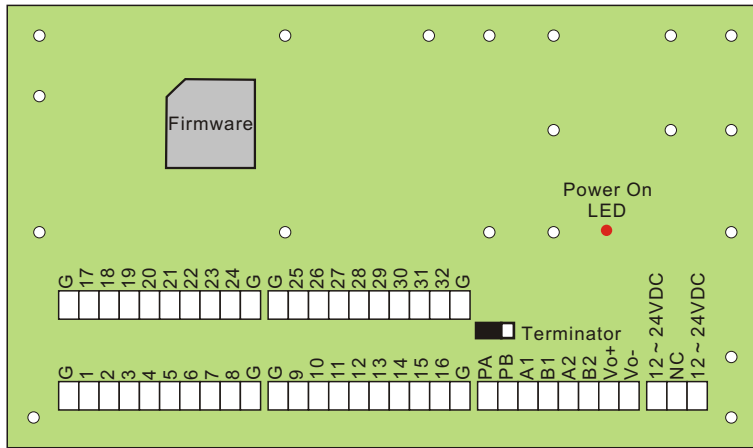


Product Preview

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LM-3201-1 LiftMaster

LM-3201-1



General Description

The first total solution of Lift indicators LiftView™ system is specially built for the Lift project to achieve higher brightness, less power consumption, lower maintenance cost and a more stable system.

The LiftView™ System brings to you the simplest way to handle all types of lift projects including software and hardware handling - LiftView™ LED display series, LiftMaster™ signal controller, LiftSpeaker™ digital voice announcer and LiftCentral™ software.

The system is suitable for all countries, including characters such as Japanese and Chinese. Instant floor level data programming can be done through our LiftCentral™ and LiftMaster™.

Features

LiftMaster™, which decodes signals from the lift controller, updates attached LiftView™ displays and LiftSpeaker™ digital voice announcer accordingly. The following features are offered:

13.3VDC to 27VDC input voltage with 20% peak-to-peak ripple

Thermal shutdown and current limit protection

Self-resettable fuse

Dry Contract Inputs or Binary Inputs signals from lift controller

Dry Contract Inputs

- 16 dry contract inputs for floor level signals, 10 dry contract inputs for alarm signals and 6 dry contract inputs for up/down arrow, inverting input logic level, etc.

Binary Inputs

- 7 bits for floor level signals, 10 dry contracts for alarm signals and 6 dry contracts for up/down arrow, inverting input logic level, etc.

Separate connection between lift car and landing, that eliminate transmission error

Disable arbitrary groups from displaying certain messages, since LiftView™ displays are divided into different group

The communication network topology is Daisy Chain Network

RS-485 twist-paired wiring system, can attach up to 256 LiftView™ displays to a LiftMaster™ Controller and max. 4000 feet distance

Interface between computer and LiftView™ display and LiftSpeaker™ digital voice announcer.

The mapping of lift signals to the corresponding message can be programmed by LiftCentral™ software package



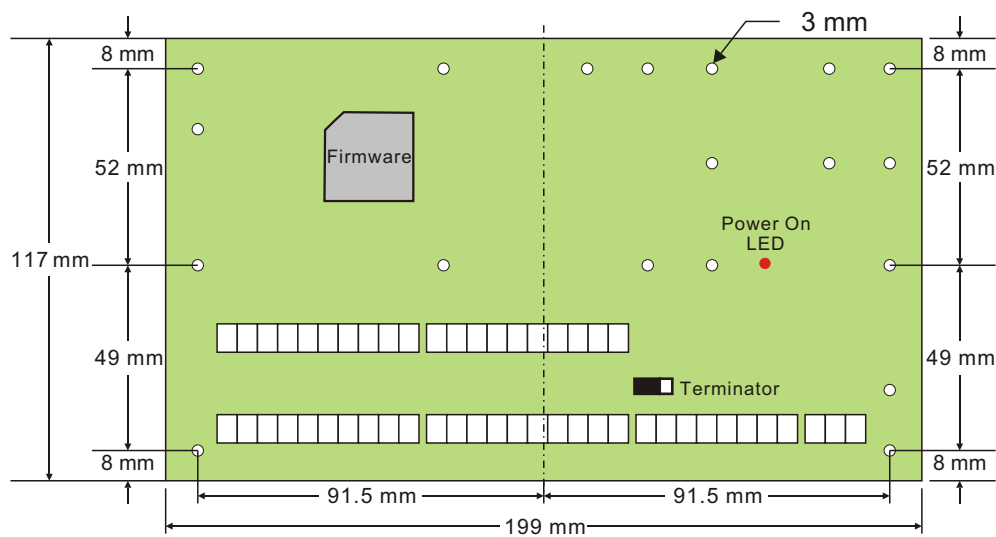
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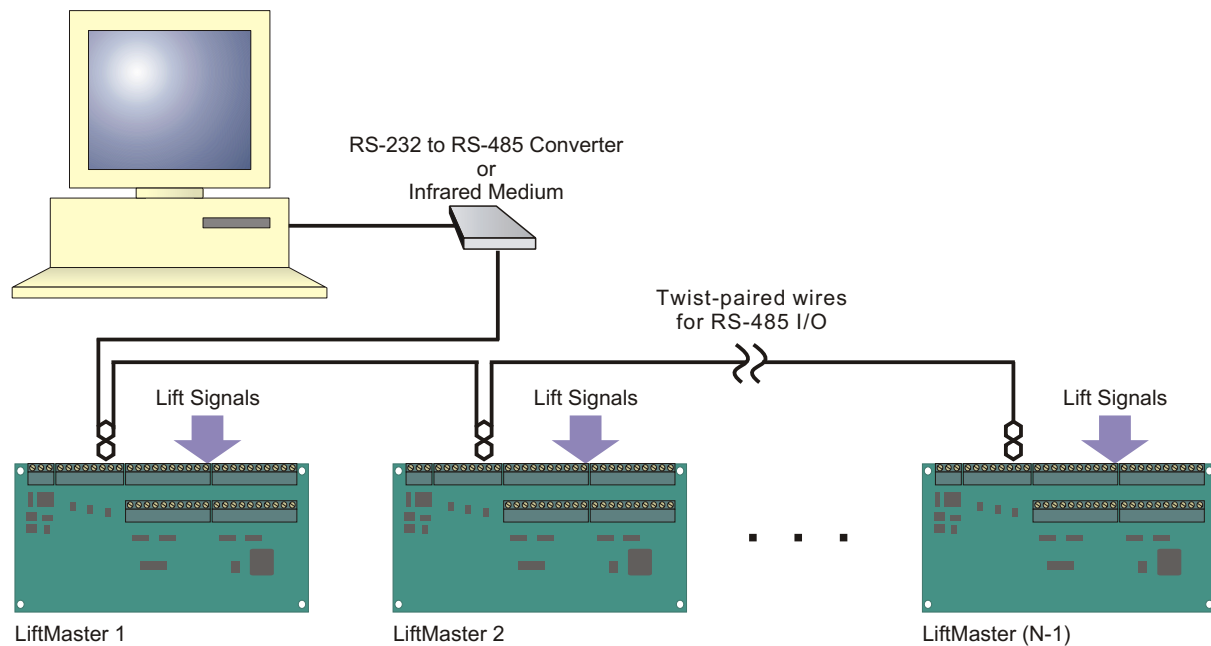
DIMENSIONS



Remark: Drawings are not in scale

NETWORK TOPOLOGY

Daisy Chain Network, can attach up to 256 LiftView™ displays to a LiftMaster™ Controller and maximum 4000 feet distance.



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Product Preview

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SPECIFICATION

LM-3201-1				
Physical PCB Size (mm)	130 (W) X 100 (H) X25 (D)			
Signal Voltage, DC (from lift controller)				
Signal Current, DC (from lift controller)				
Programming Interface	RS-485			
Number of RS-485 Output	2 (for lift car and landing)			
Signal from Lift Controller (either Dry Contract or Binary)				
Dry Contract Input		16 Floor Levels + 10 Alarm Signals + Up Arrow + Down Arrow + Inverting Logic Level + Dim Signal + Up Arrival (Optional) + Down Arrival (Optional)		
Binary Input		7 Bits Floor Levels		
		Dry Contract Input Signal	+ 10 Alarm Signals + Up Arrow + Down Arrow + Inverting Logic Level + Dim Signal + Up Arrival (Optional) + Down Arrival (Optional)	
Parameter	Min.	Typical	Max.	Tolorence
Supply Volta ge, DC	13.3V		27V	10%
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				



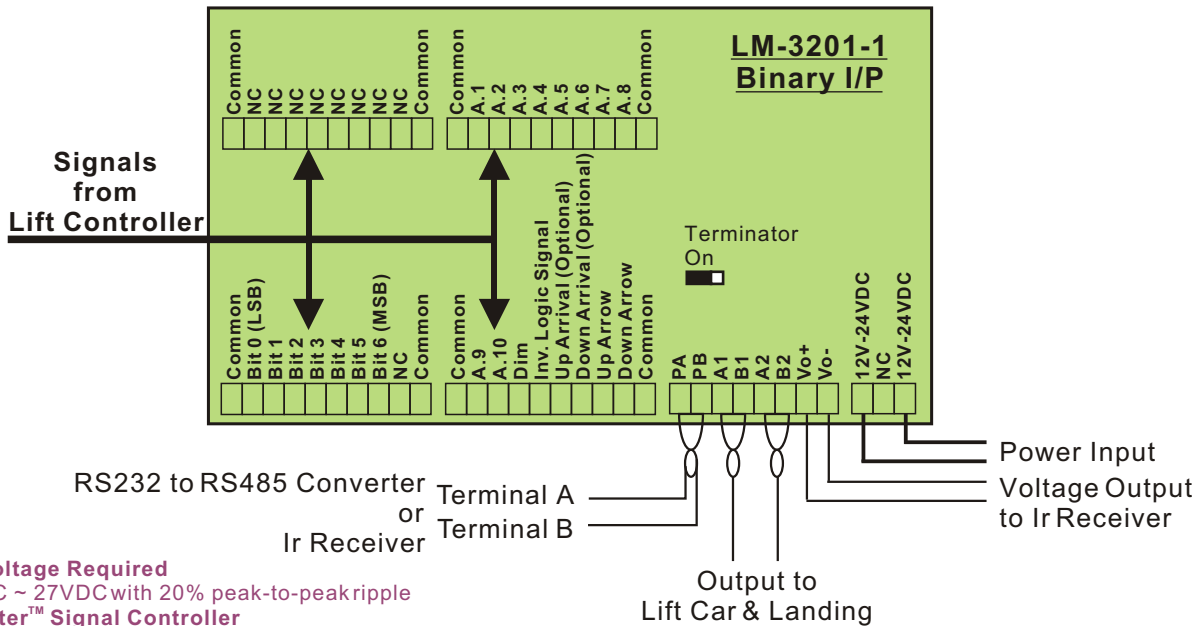
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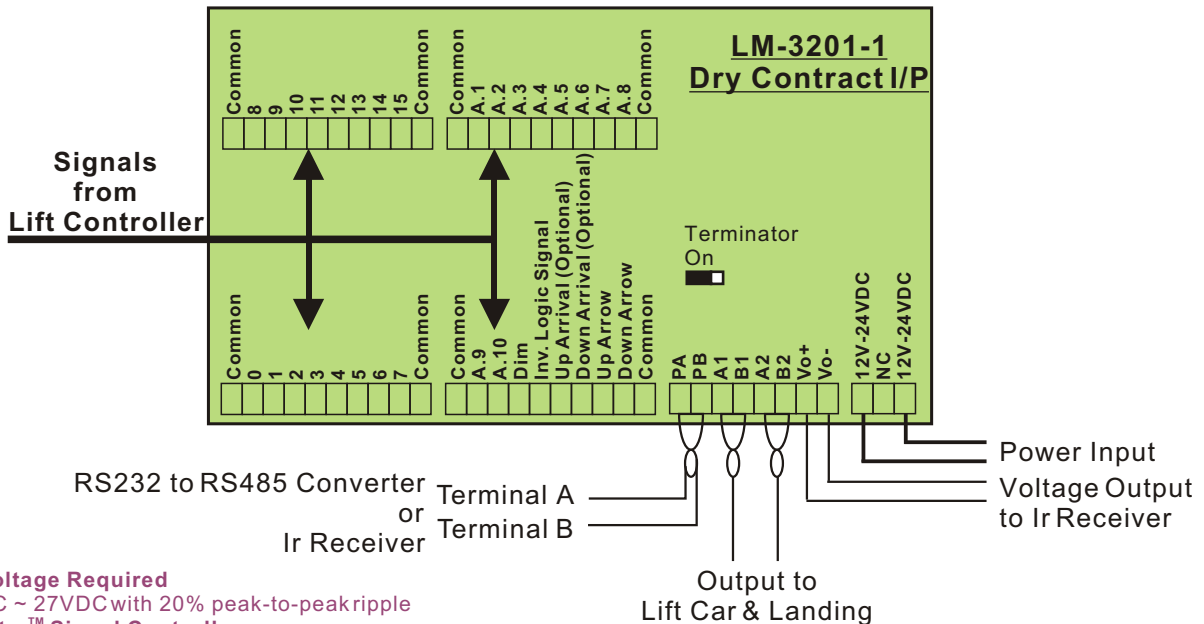
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PIN ASSIGNMENT FOR LM-3201-1



Remark:

- Input Voltage Required**
13.3VDC ~ 27VDC with 20% peak-to-peak ripple
- LiftMaster™ Signal Controller**
LM-3201-1(Binary Input) - Signal Controller
* Floor - Binary Input
* Alarm and Lift-travel Direction - Dry Contract Input
- Network Topology & Wires**
* **Terminal A and Terminal B** should be connected to twisted pair wire.
* The network topology is **Daisy Chain Network**.
- Terminator**
* "ON" Mode - For single or last device in the chain
* "OFF" Mode - For serial (2nd to N-1 device)



Remark:

- Input Voltage Required**
13.3VDC ~ 27VDC with 20% peak-to-peak ripple
- LiftMaster™ Signal Controller**
LM-3201-1(Dry Contract Input) - Signal Controller
* Floor, Alarm and Lift-travel Direction - Dry Contract Input
- Network Topology & Wires**
* **Terminal A and Terminal B** should be connected to twisted pair wire.
* The network topology is **Daisy Chain Network**.
- Terminator**
* "ON" Mode - For single or last device in the chain
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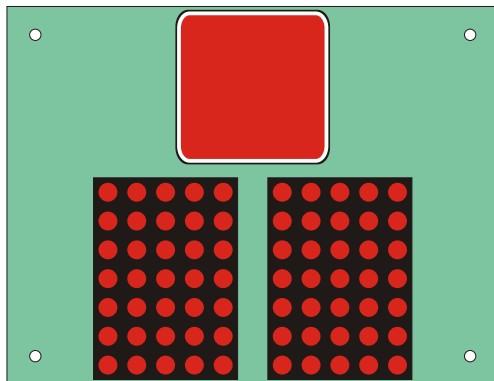
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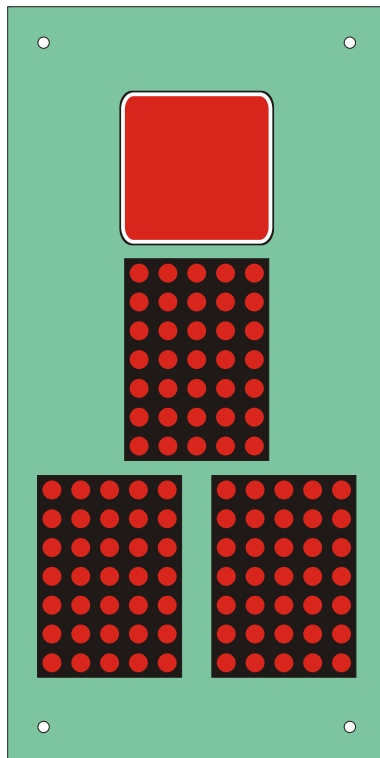
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LV-10.07/ LV-10.14 SERIES

LV-10.07-RVL-RLB



LV-10.14-RVL-RLB



General Description

The first total solution of Lift indicators LiftView™ system is specially built for the Lift project to achieve higher brightness, less power consumption, lower maintenance cost and a more stable system.

The LiftView™ System brings to you the simplest way to handle all types of lift projects including software and hardware handling - LiftView™ LED display series, LiftMaster™ signal controller, LiftSpeaker™ digital voice announcer and LiftCentral™ software.

Features

- 13.3VDC ~ 27VDC input voltage with 20% peak-to-peak ripple
- High power efficiency
- Low heat dissipation
- High Brightness LED
- Thermal shutdown and current limit protection
- Self-resettable fuse
- Adjustable brightness control for power saving
- Self-test Mode for testing LEDs function correctly
- Floor level on-site programmable
- Up and Down arrows are fixed bitmap graphic (Only LV-10.14 Series)
- Fixed character set
- With 40mm x 40mm alarm indicator
- 128 numbers user defined floor level (e.g. T.0 ~ T.127)
- RS-485 twist-paired wiring system, can be connected up to 256 units with our LiftMaster™ and max. 4000 feet distance
- The communication network topology is Daisy Chain Network
- Can be programmed by all LiftView™ products up to 256 units at the same time through LiftMaster™ and LiftCentral™ software package

Applications

- Lift car panel
- Lift landing panel



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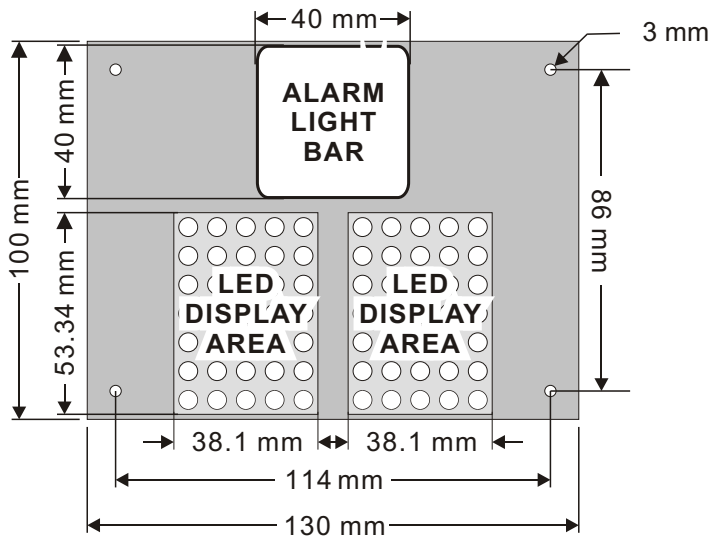
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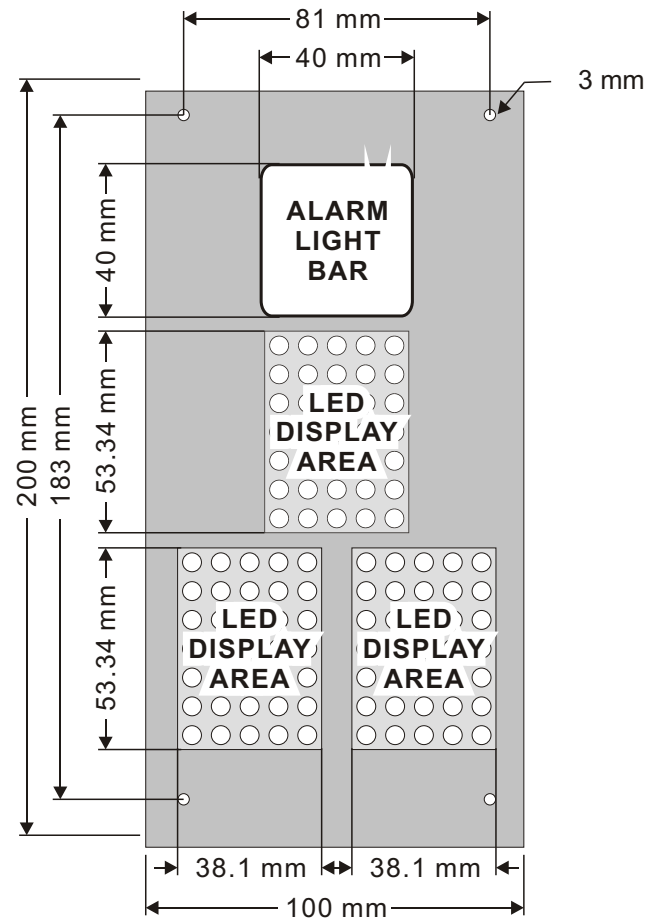
DIMENSIONS

LV-10.07-RVL-RLB



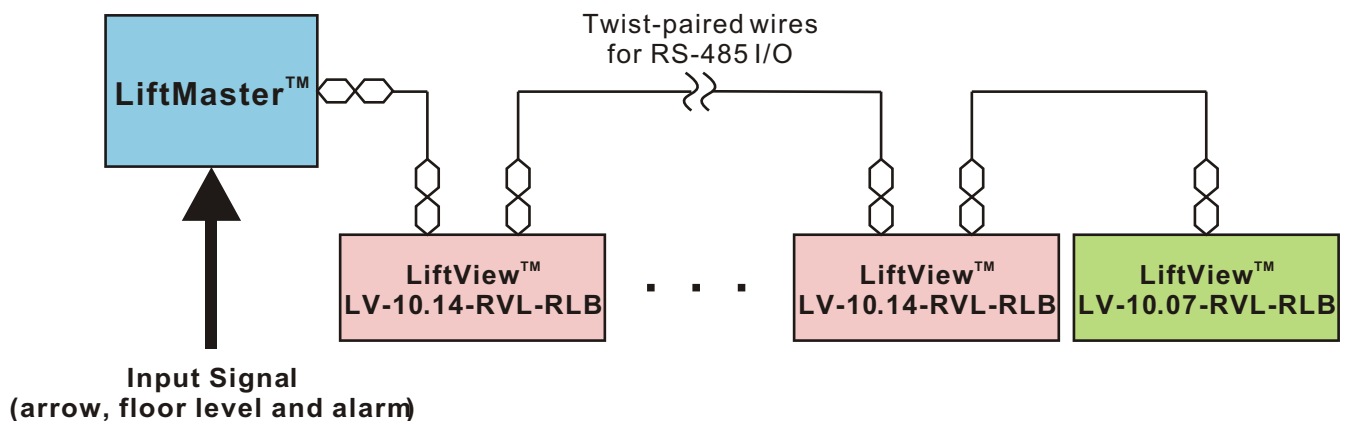
Remark: Drawings are not in scale

LV-10.14-RVL-RLB



NETWORK TOPOLOGY

Daisy Chain Network, with up to 256 LiftView™ display boards per chain. Each display may be up to 4000 feet away from a LiftMaster™ controller.



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Product Preview

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INPUT SIGNALS

Two types of signal are accepted (encoded by the LiftMaster™ unit) for both series of display. LV-10.14 series also accept Direction signal.

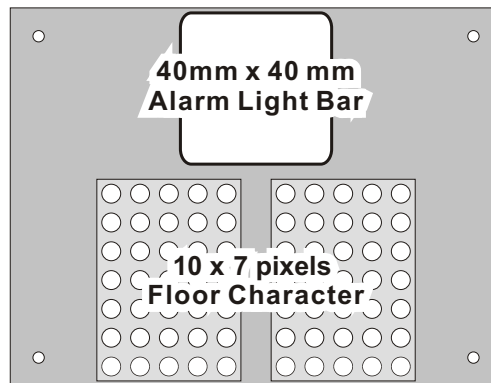
Floor Level Most recent edge triggered signal of this type is memorized and always shown on the LiftView™ display.

Alarm This level triggered signal turns on the alarm light bar.

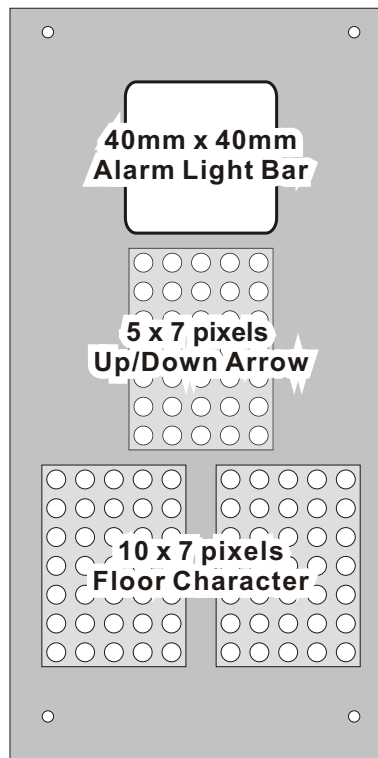
Direction This level triggered signal controls display of UP/DOWN arrow. If both directions are active, it will show the DOWN arrow only.

DISPLAY CONFIGURATION

LV-10.07 series only displays **Floor Level Mesage** and **Alarm**.



LV-10.14 series can display **Floor Level Mesage**, **Up/Down Arrow** and **Alarm**.



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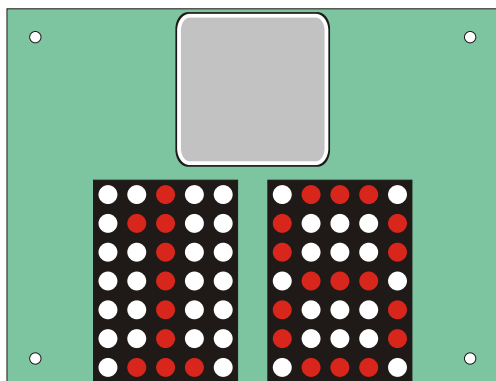
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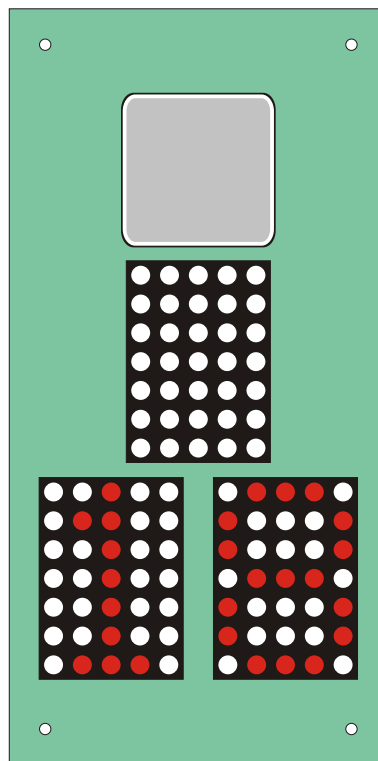
DISPLAY FORMAT

With no active signal, memorized floor level is shown.

LV-10.07-RVL-RLB

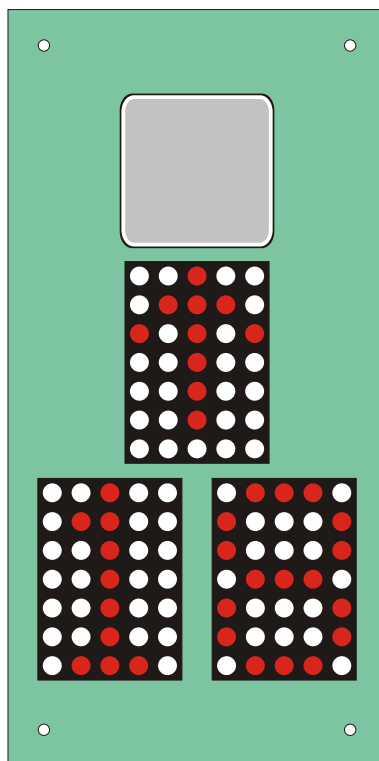


LV-10.14-RVL-RLB



With active direction signal, LV-10.14 series display will show the moving up/down arrow.

LV-10.14-RVL-RLB



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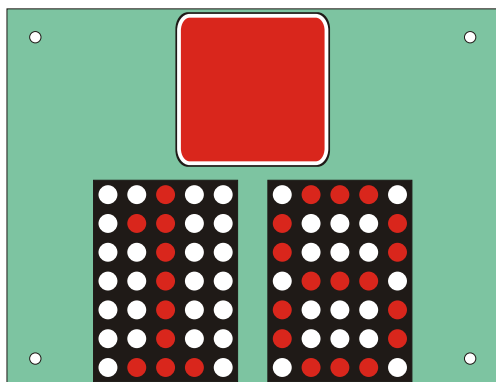
Website: www.siriushk.com

Product Preview

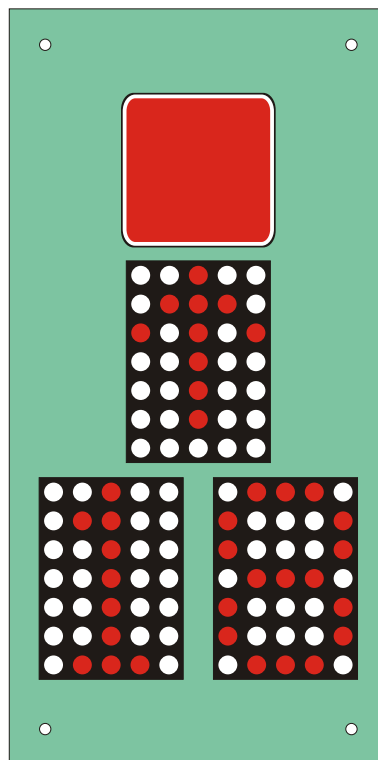
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With alarm signal, alarm light bar will turn on.

LV-10.07-RVL-RLB



LV-10.14-RVL-RLB



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SPECIFICATION

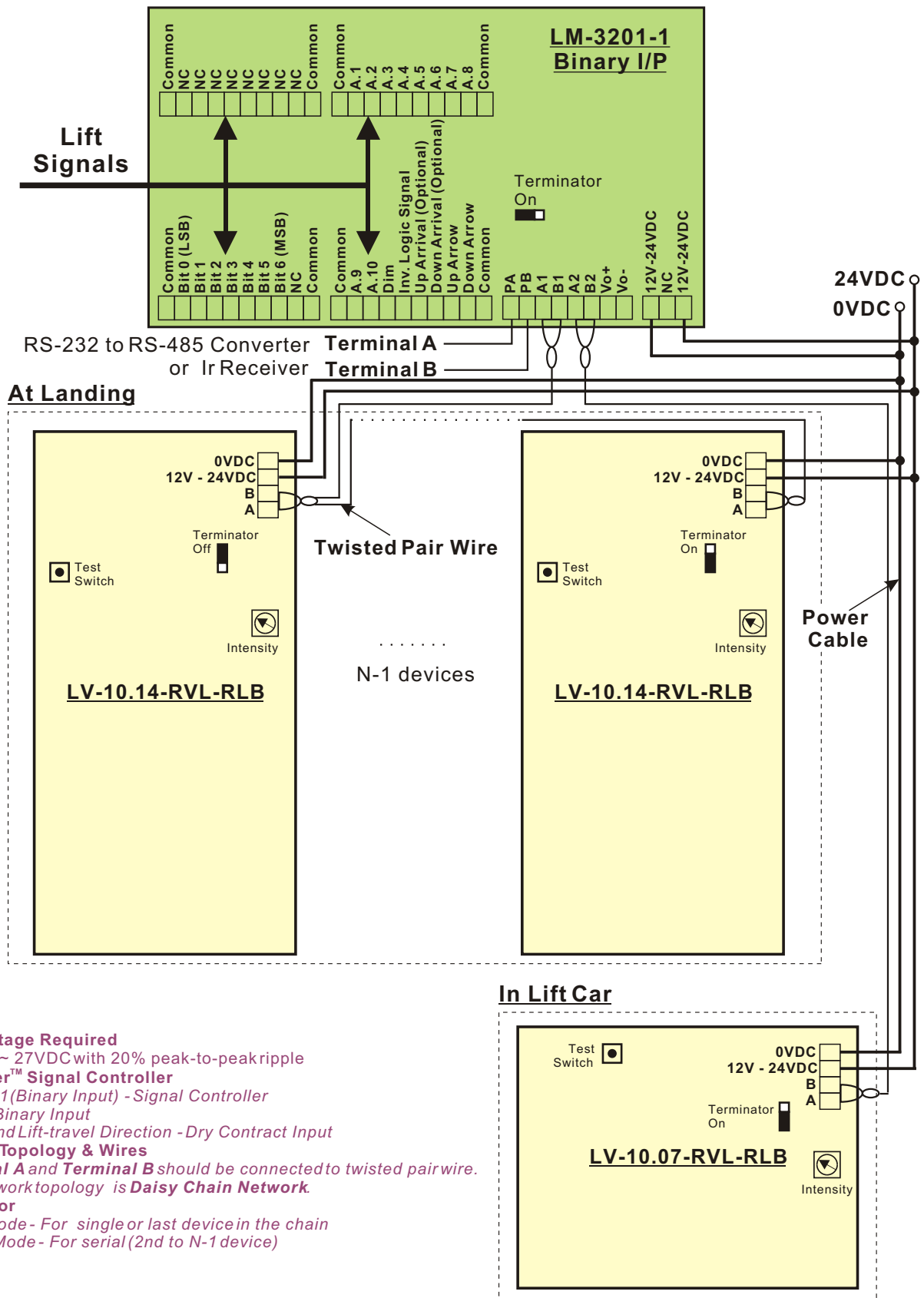
LV-10.07-RVL-RLB				
Interface	RS-485			
Physical PCB Size (mm)	130 (W) X 100 (H) X50 (D)			
Display Area Per Character (mm)	38.1 (W) X 53.34 (H)			
Dot Size / Diameter (mm)	5.08			
Dot Pitch (mm)	7.62			
Light Bar Size (mm)	40 (W) X 40 (H)			
Number of LED Dots Per Character	5 columns X 7 rows			
Number of Character Display (Max.)	2 characters			
Alphanumeric Character Height (Max.)	51 mm			
Chinese Character Height	Not Applicable			
Parameter	Min.	Typical	Max.	Tolorence
Supply Voltage , DC	13.3V		27V	10%
Normal Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				
Self-test Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				

LV-10.14-RVL-RLB				
Interface	RS-485			
Physical PCB Size (mm)	130 (W) X 100 (H) X50 (D)			
Display Area Per Character (mm)	38.1 (W) X 53.34 (H)			
Dot Size / Diameter (mm)	5.08			
Dot Pitch (mm)	7.62			
Light Bar Size (mm)	40 (W) X 40 (H)			
Number of LED Dots Per Character	5 columns X 7 rows			
Number of Character Display (Max.)	2 characters			
Number of LED Dots of Arrow	5 columns X 7 rows			
Alphanumeric Character Height (Max.)	51 mm			
Chinese Character Height	Not Applicable			
Parameter	Min.	Typical	Max.	Tolorence
Supply Voltage , DC	13.3V		27V	10%
Normal Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				
Self-test Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				

Product Preview

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SAMPLE WIRING DIAGRAM



Remark:

- Input Voltage Required**
13.3VDC ~ 27VDC with 20% peak-to-peak ripple
- LiftMaster™ Signal Controller**
LM-3201-1 (Binary Input) - Signal Controller
* Floor - Binary Input
* Alarm and Lift-travel Direction - Dry Contact Input
- Network Topology & Wires**
* **Terminal A** and **Terminal B** should be connected to twisted pair wire.
* The network topology is **Daisy Chain Network**.
- Terminator**
* "ON" Mode - For single or last device in the chain
* "OFF" Mode - For serial (2nd to N-1 device)



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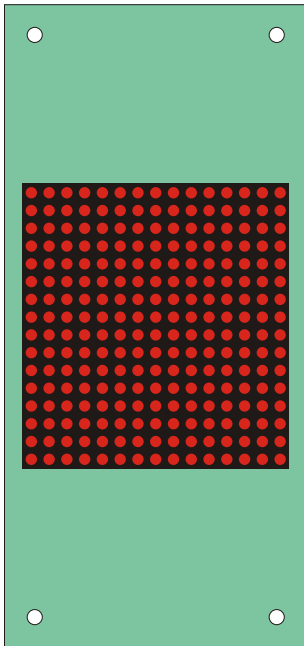
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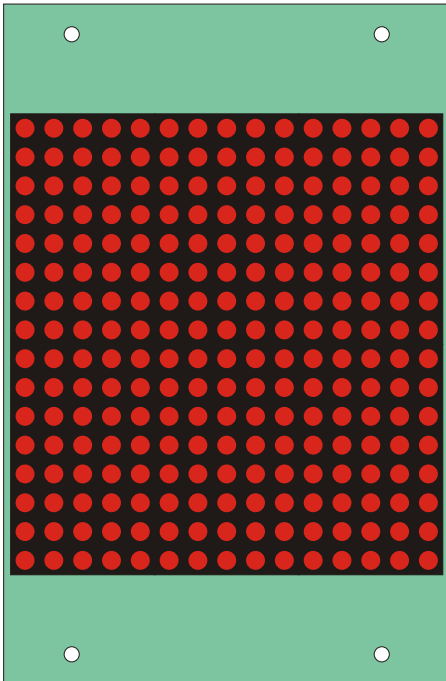
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LV-15.16 SERIES

LV-15.16-RXM



LV-15.16-RVL



General Description

The first total solution of Lift indicators LiftView™ system is specially built for the Lift project to achieve higher brightness, less power consumption, lower maintenance cost and a more stable system.

The LiftView™ System brings to you the simplest way to handle all types of lift projects including software and hardware handling - LiftView™ LED display series, LiftMaster™ signal controller, LiftSpeaker™ digital voice announcer and LiftCentral™ software.

Features

- 13.3VDC ~ 27VDC input voltage with 20% peak-to-peak ripple
- High power efficiency
- Low heat dissipation
- High Brightness LED
- Thermal shutdown and current limit protection
- Self-resettable fuse
- Adjustable brightness control for power saving
- Self-test Mode for testing LEDs function correctly
- Floor level on-site programmable
- Up and Down arrows are fixed bitmap graphic
- Fixed character set
- 128 numbers user defined floor level (e.g. T.0 ~ T.127)
- RS-485 twist-paired wiring system, can be connected up to 256 units with our LiftMaster™ and max. 4000 feet distance
- The communication network topology is Daisy Chain Network
- Can be programmed by all LiftView™ products up to 256 units at the same time through LiftMaster™ and LiftCentral™ software package

Applications

- Lift car panel
- Lift landing panel



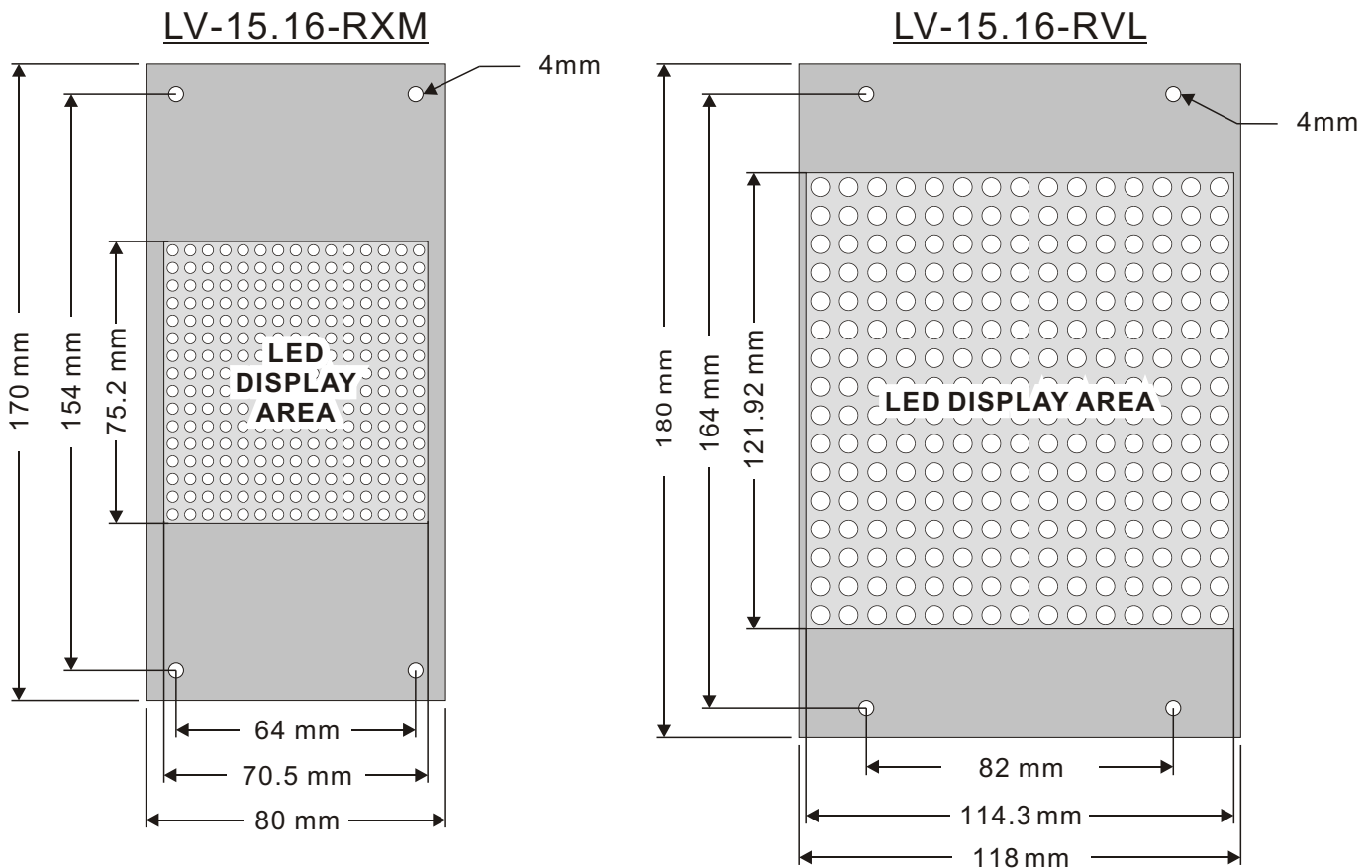
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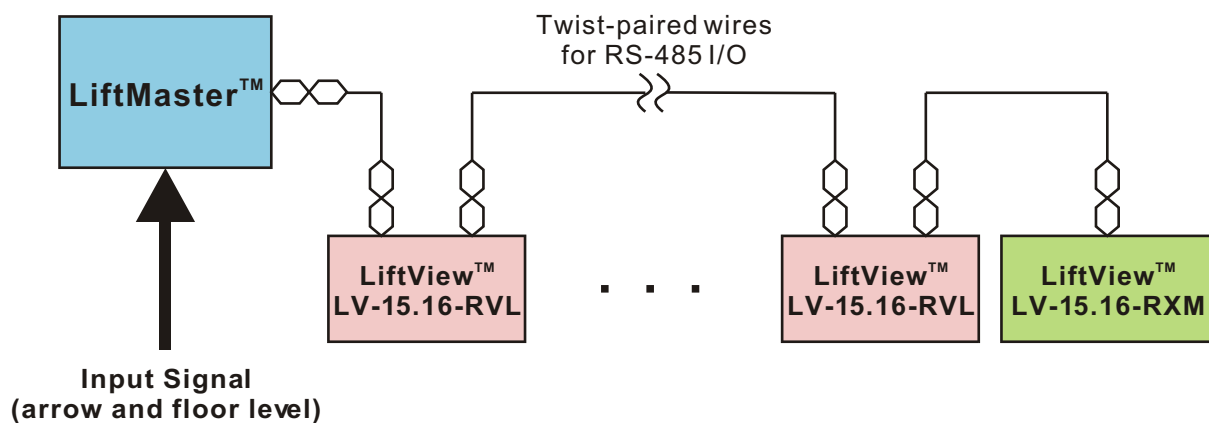
DIMENSIONS



Remark: Drawings are not in scale

NETWORK TOPOLOGY

Daisy Chain Network, with up to 256 LiftView™ display boards per chain. Each display may be up to 4000 feet away from a LiftMaster™ controller.



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INPUT SIGNALS

Two types of signal are accepted (encoded by the LiftMaster™ unit).

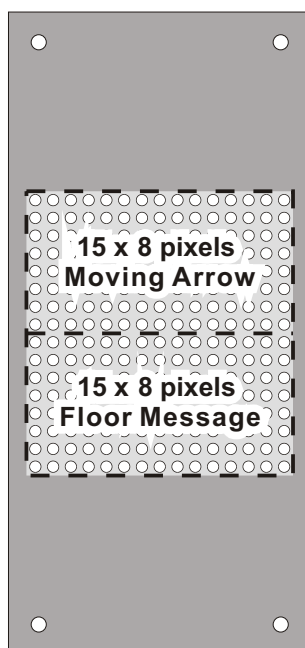
Floor Level Most recent edge triggered signal of this type is memorized and always shown on the LiftView™ display.

Direction This level triggered signal controls display of UP/DOWN arrow. If both directions are active, it will show the DOWN arrow only.

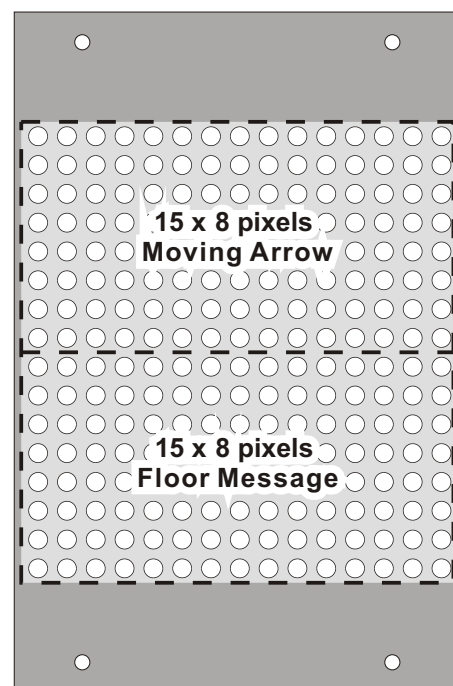
DISPLAY CONFIGURATION

The display area is divided into two regions to display **Arrow** and **Floor Level Mesage**.

LV-15.16-RXM



LV-15.16-RVL



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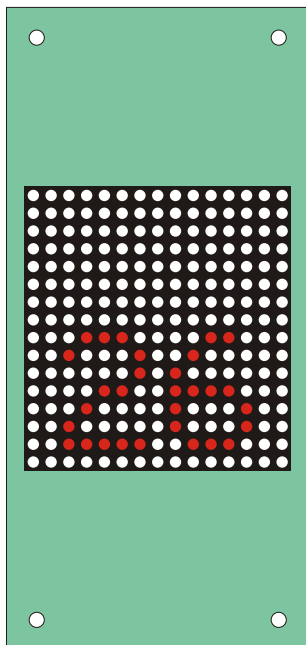
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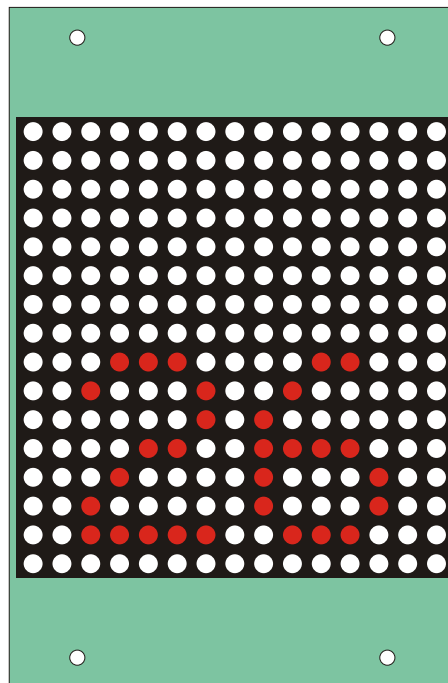
DISPLAY FORMAT

With no active signal, memorized floor level is shown in floor region.

LV-15.16-RXM

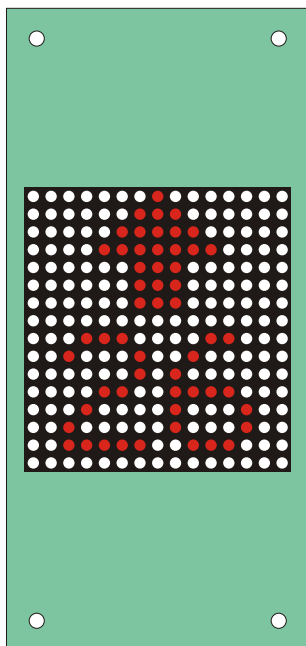


LV-15.16-RVL

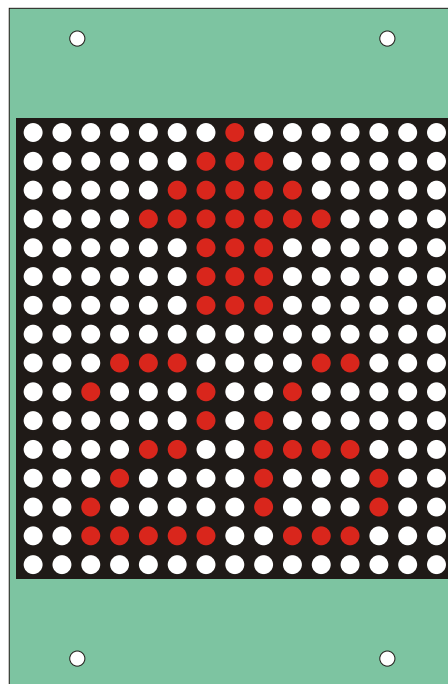


With active direction signal, moving up/down arrow is shown on the top region of display.

LV-15.16-RXM



LV-15.16-RVL



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SPECIFICATION

LV-15.16-RXM				
Interface	RS-485 / 7 inputs			
Physical PCB Size (mm)	80 (W) X 170 (H) X 50 (D)			
Display Area (mm)	70.5 (W) X 75.2 (H)			
Dot Size / Diameter (mm)	3			
Dot Pitch (mm)	4.7			
Number of LED Dots	15 columns X 16 rows			
Alphanumeric Character Height (Max.)	30 mm			
Chinese Character Height	Not Applicable			
Parameter	Min.	Typical	Max.	Tolerance
Supply Voltage, DC	13.3V		27V	10%
Normal Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				
Self-test Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				

LV-15.16-RVL				
Interface	RS-485 / 7 inputs			
Physical PCB Size (mm)	118 (W) X 180 (H) X 50 (D)			
Display Area (mm)	114.3 (W) X 121.92 (H)			
Dot Size / Diameter (mm)	5.08			
Dot Pitch (mm)	7.62			
Number of LED Dots	15 columns X 16 rows			
Alphanumeric Character Height (Max.)	51mm			
Chinese Character Height	Not Applicable			
Parameter	Min.	Typical	Max.	Tolerance
Supply Voltage, DC	13.3V		27V	10%
Normal Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				
Self-test Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				



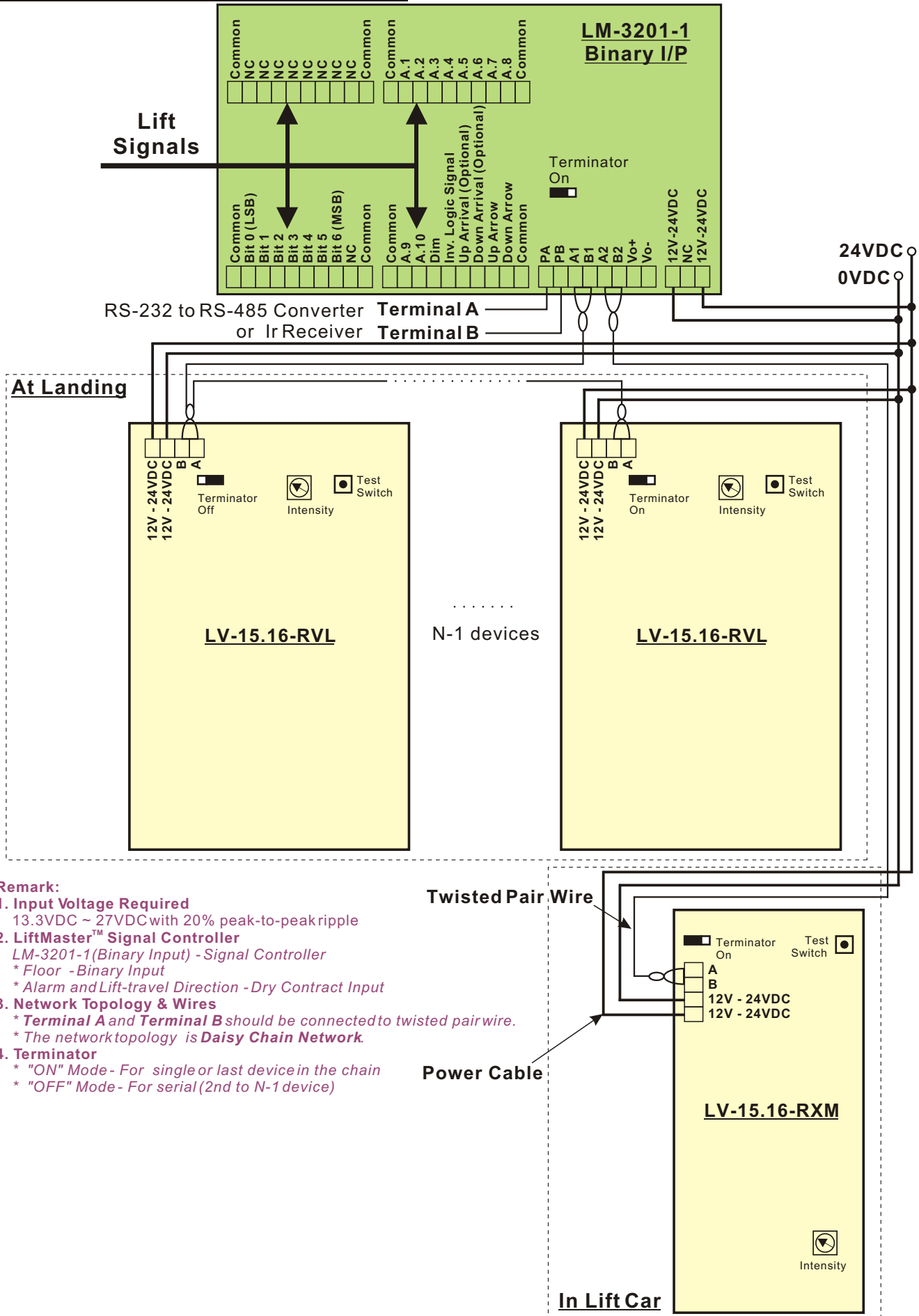
16/F, Futura Plaza, 111 How Ming Street, Kwun Tong, Kowloon, HKSAR.
Tel: (852) 2749 9825 Fax: (852) 2398 7605 Email: info@siriushk.com

Website: www.siriushk.com

Product Preview

December, 2001

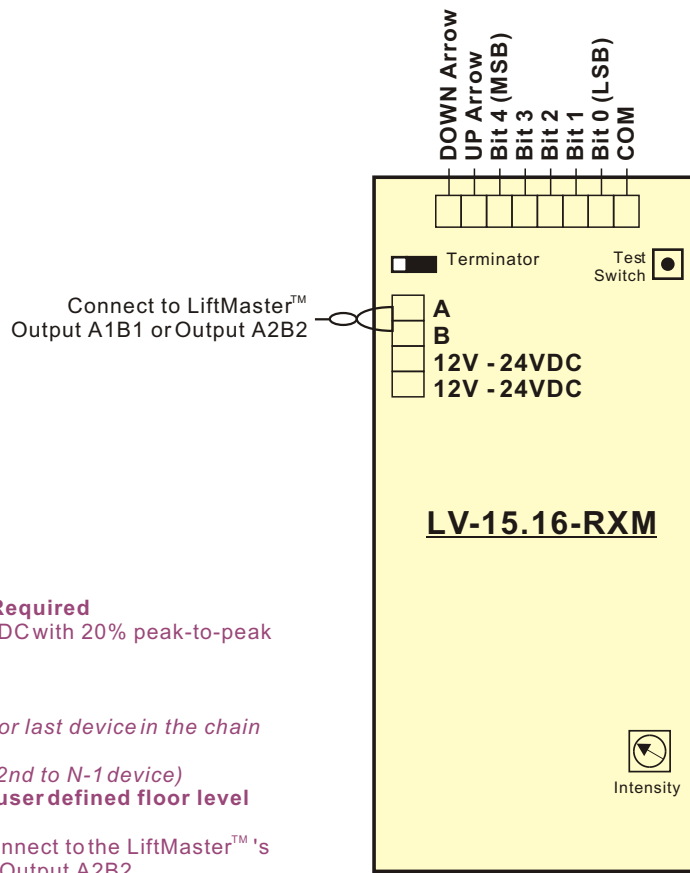
SAMPLE WIRING DIAGRAM



Product Preview

December, 2001

PIN ASSIGNMENT FOR LV-15.16-RXM.7B



Remark:

1. Input Voltage Required

13.3VDC ~ 27VDC with 20% peak-to-peak ripple

2. Terminator

* "ON" Mode

- For single or last device in the chain

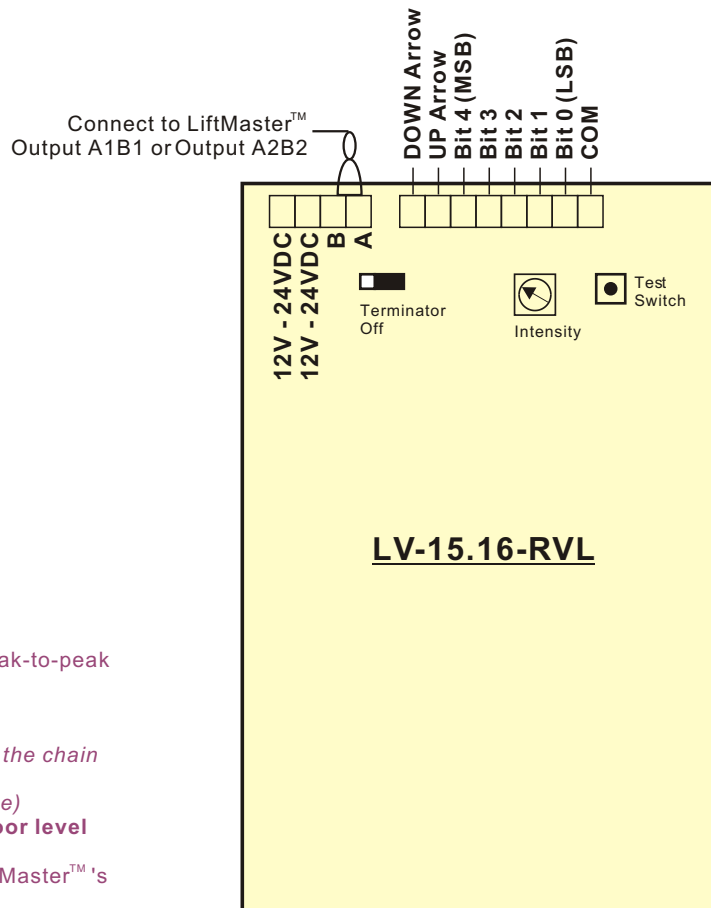
* "OFF" Mode

- For serial (2nd to N-1 device)

3. Programming user defined floor level messages

A and B must connect to the LiftMaster™'s Output A1B1 or Output A2B2

PIN ASSIGNMENT FOR LV-15.16-RVL.7B



Remark:

1. Input Voltage Required

13.3VDC ~ 27VDC with 20% peak-to-peak ripple

2. Terminator

* "ON" Mode

- For single or last device in the chain

* "OFF" Mode

- For serial (2nd to N-1 device)

3. Programming user defined floor level messages

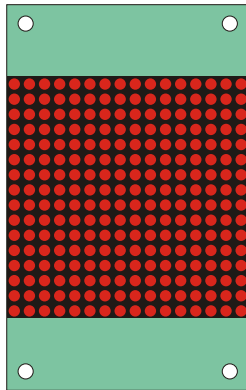
A and B must connect to the LiftMaster™'s Output A1B1 or Output A2B2

Product Preview

December, 2001

LV-16.16 SERIES

LV-16.16-RM



General Description

The first total solution of Lift indicators LiftView™ system is specially built for the Lift project to achieve higher brightness, less power consumption, lower maintenance cost and a more stable system.

The LiftView™ System brings to you the simplest way to handle all types of lift projects including software and hardware handling - LiftView™ LED display series, LiftMaster™ signal controller, LiftSpeaker™ digital voice announcer and LiftCentral™ software.

Applications

Lift car panel
Lift landing panel

Features

13.3VDC to 27VDC input voltage with 20% peak-to-peak ripple
High power efficiency
Low heat dissipation
High Brightness LED
Thermal shutdown and current limit protection
Self-resettable fuse
Adjustable brightness control for power saving
Self-test Mode for testing LEDs function correctly
Floor level on-site programmable
Up and Down arrows are fixed bitmap graphic
Fixed character set
4 preset bitmap alarm messages (including Out of Service, Overload, Maintenance and Fire Alarm)
8 numbers Group Message Selector
85 numbers user defined floor level (e.g. T.0 ~ T.84)
85 numbers Floor ID Selector for arrival blinking indicator (Optional feature)
RS-485 twist-paired wiring system, can be connected up to 256 units with our LiftMaster™ and max. 4000 feet distance
The communication network topology is Daisy Chain Network
Can be programmed by all LiftView™ products up to 256 units at the same time through LiftMaster™ and LiftCentral™ software package



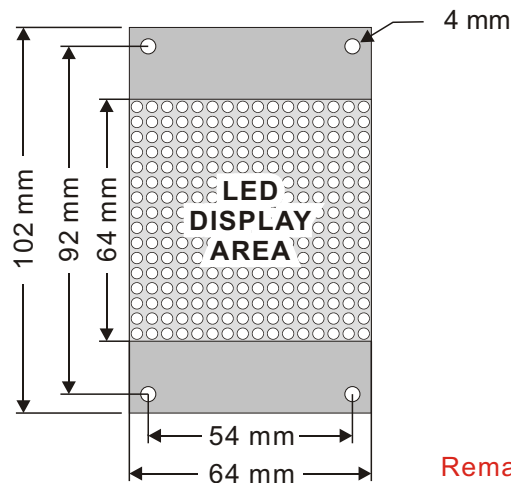
16/F, Futura Plaza, 111 How Ming Street, Kwun Tong, Kowloon, HKSAR.
Tel: (852) 2749 9825 Fax: (852) 2398 7605 Email: info@siriushk.com

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Product Preview

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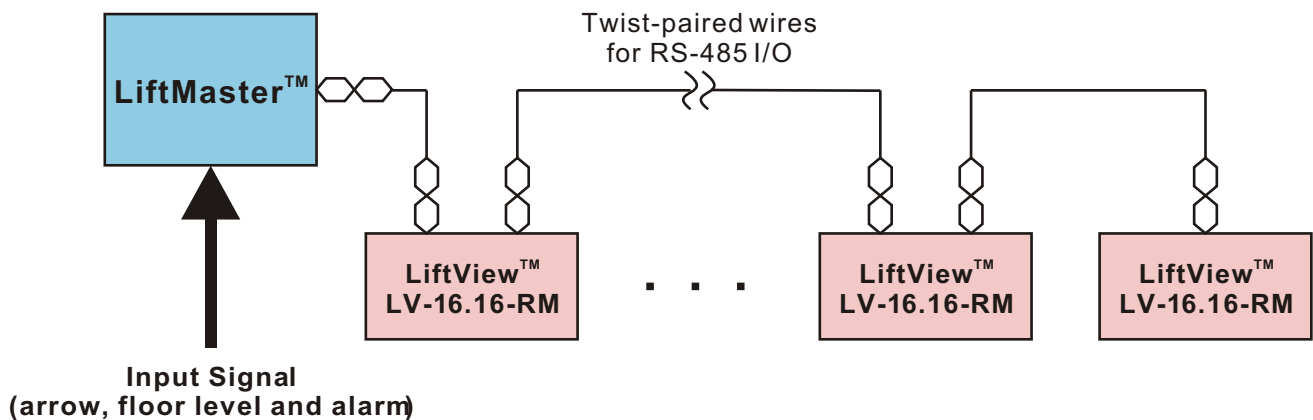
DIMENSIONS



Remark: Drawings are not in scale

NETWORK TOPOLOGY

Daisy Chain Network, with up to 256 LiftView™ display boards per chain. Each display may be up to 4000 feet away from a LiftMaster™ controller.



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Product Preview

December, 2001

INPUT SIGNALS

Three types of signal are accepted (encoded by the LiftMaster™ unit).

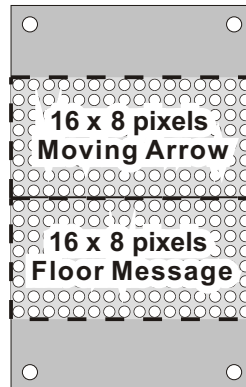
Floor Level Most recent edge triggered signal of this type is memorized and always shown on the LiftView™ display.

Direction This level triggered signal controls display of UP/DOWN arrow. If both directions are active, it will show the DOWN arrow only.

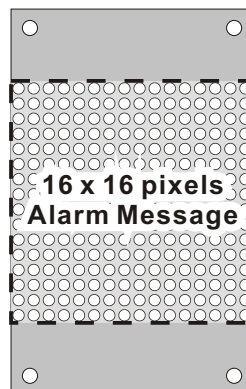
Alarm This level triggered signal causes immediate display of pre-set alarm messages. They are set from A.1 to A.4 trigger in LiftCentral™ software.

DISPLAY CONFIGURATION

When displaying **Arrow** and **Floor Level Message**, the display area is divided into two regions.



When displaying **Alarm Message**, the scrolling alarm message shows on the whole display.



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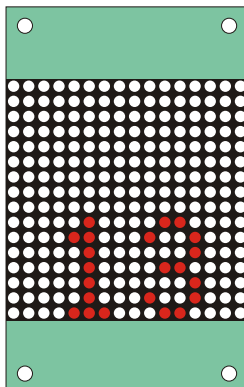
Website: www.siriushk.com

Product Preview

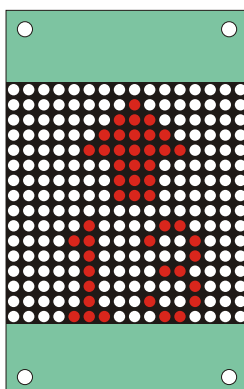
December, 2001

DISPLAY FORMAT

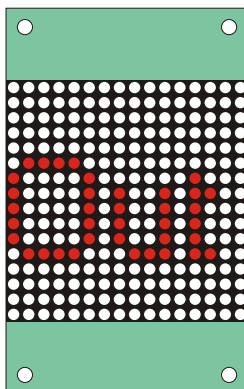
With no active signal, memorized floor level is shown in floor region.



With active direction signal, moving up/down arrow is shown on the top region of display.



With one or more active alarm signals, the corresponding messages will show on the whole display by scrolling from right to left. For example, showing **Out of Service** message.



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Product Preview

December, 2001

SPECIFICATION

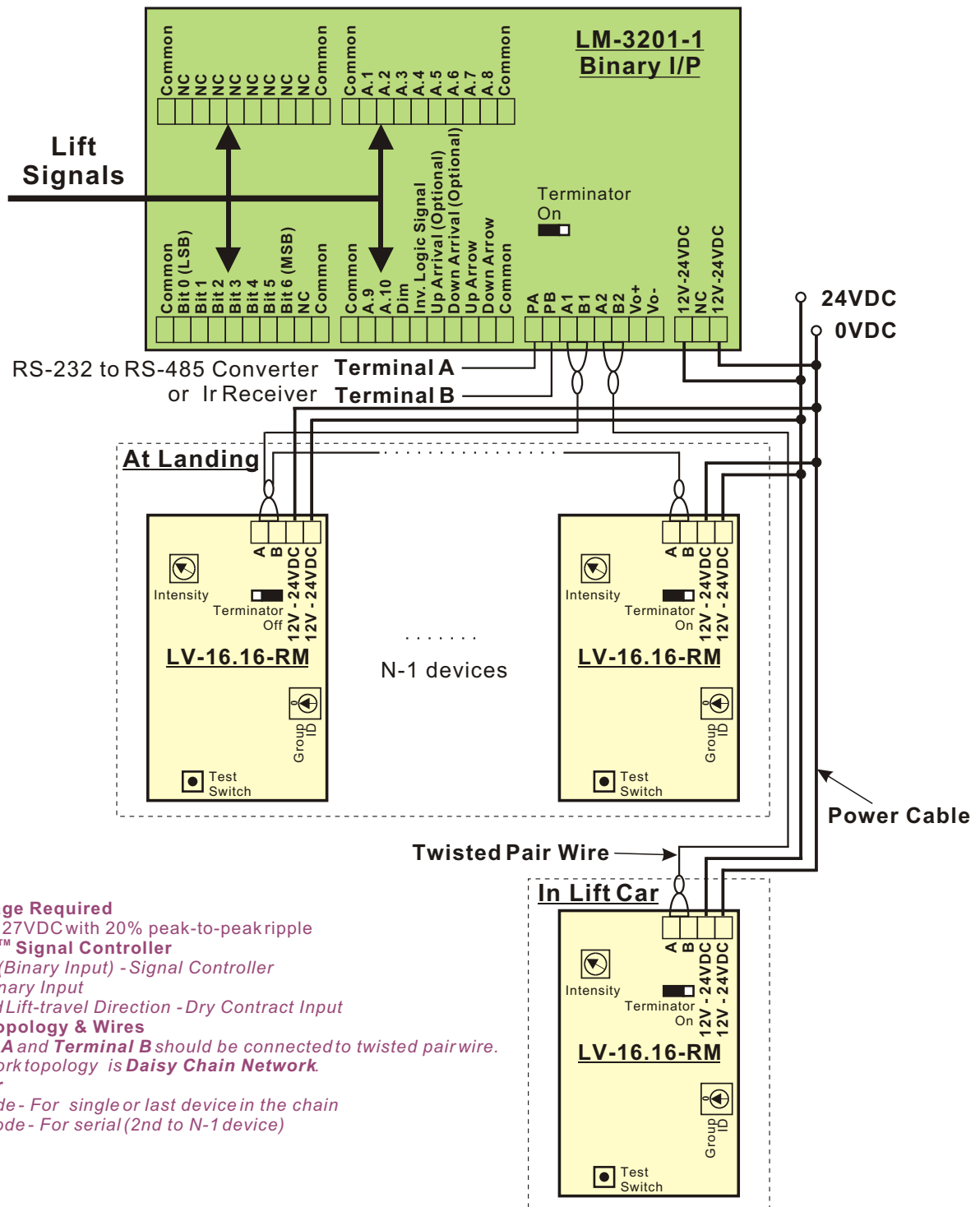
LV-16.16-RM				
Interface	RS-485			
Physical PCB Size (mm)	64 (W) X 102 (H) X 30 (D)			
Display Area (mm)	64 (W) X 64 (H)			
Dot Size / Diameter (mm)	3			
Dot Pitch (mm)	4			
Number of LED Dots	16 columns X 16 rows			
Alphanumeric Character Height (Max.)	27 mm			
Chinese Character Height	Not Applicable			
Parameter	Min.	Typical	Max.	Tolorence
Supply Voltage, DC	13.3V		27V	10%
Normal Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				
Self-test Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				



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SAMPLE WIRING DIAGRAM



Remark:

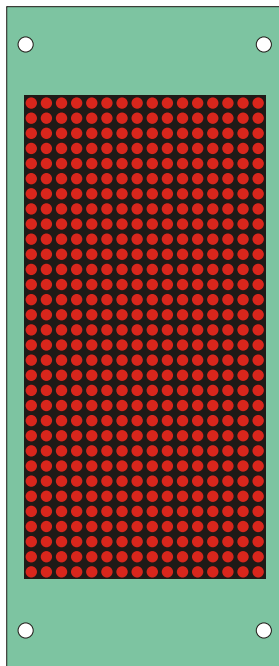
- 1. Input Voltage Required**
13.3VDC ~ 27VDC with 20% peak-to-peak ripple
- 2. LiftMaster™ Signal Controller**
LM-3201-1(Binary Input) -Signal Controller
* Floor -Binary Input
* Alarm and Lift-travel Direction -Dry Contact Input
- 3. Network Topology & Wires**
* **Terminal A** and **Terminal B** should be connected to twisted pair wire.
* The network topology is **Daisy Chain Network**.
- 4. Terminator**
* "ON" Mode - For single or last device in the chain
* "OFF" Mode - For serial (2nd to N-1 device)

Product Preview

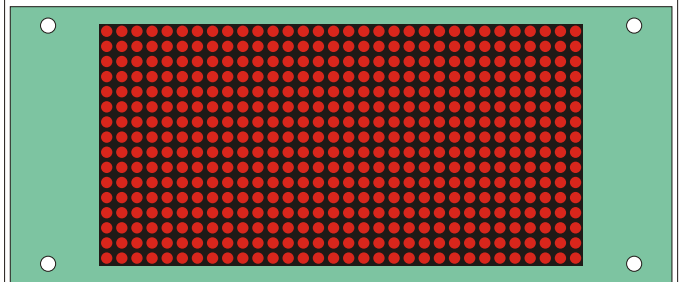
December, 2001

LV-16.32 / LV-32.16 SERIES

LV-16.32-RM



LV-32.16-RM



General Description

The first total solution of Lift indicators LiftView™ system is specially built for the Lift project to achieve higher brightness, less power consumption, lower maintenance cost and a more stable system.

The LiftView™ System brings to you the simplest way to handle all types of lift projects including software and hardware handling - LiftView™ LED display series, LiftMaster™ signal controller, LiftSpeaker™ digital voice announcer and LiftCentral™ software.

Applications

Lift car panel
Lift landing panel

Features

- 13.3VDC to 27VDC input voltage with 20% peak-to-peak ripple
- High power efficiency
- Low heat dissipation
- High Brightness LED
- Thermal shutdown and current limit protection
- Self-resettable fuse
- Adjustable brightness control for power saving
- Self-test Mode for testing LEDs function correctly
- Floor level on-site programmable
- Up and Down arrows are fixed bitmap graphic
- Fixed character set
- 4 preset bitmap alarm messages (including **Out of Service, Overload, Maintenance and Fire Alarm**)
- 8 numbers **Group Message Selector**
- 85 numbers user defined floor level (e.g. T.0 ~ T.84)
- 85 numbers **Floor ID Selector** for arrival blinking indicator (Optional feature)
- RS-485 twist-paired wiring system, can be connected up to 256 units with our LiftMaster™ and max. 4000 feet distance
- The communication network topology is Daisy Chain Network
- Can be programmed by all LiftView™ products up to 256 units at the same time through LiftMaster™ and LiftCentral™ software package



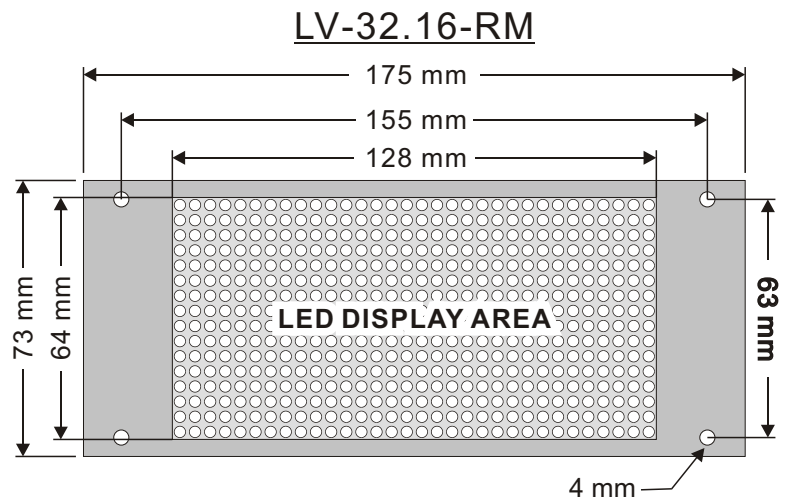
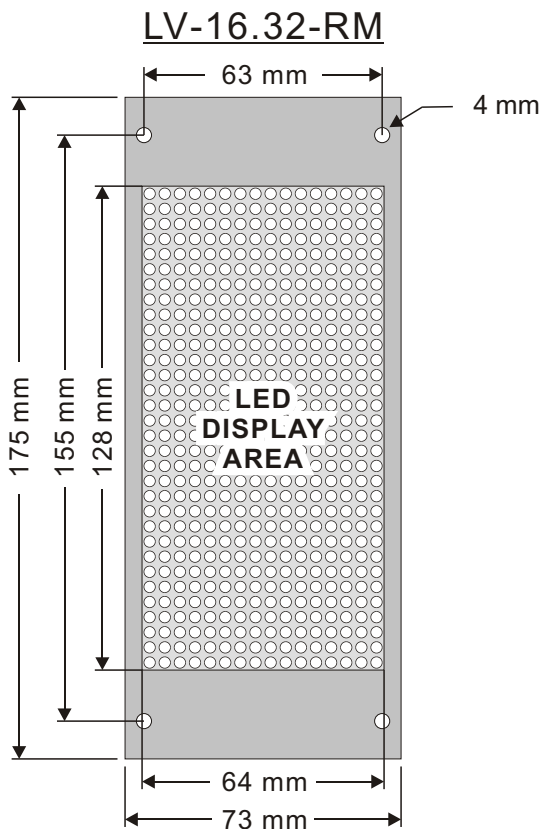
16/F, Futura Plaza, 111 How Ming Street, Kwun Tong, Kowloon, HKSAR.
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Product Preview

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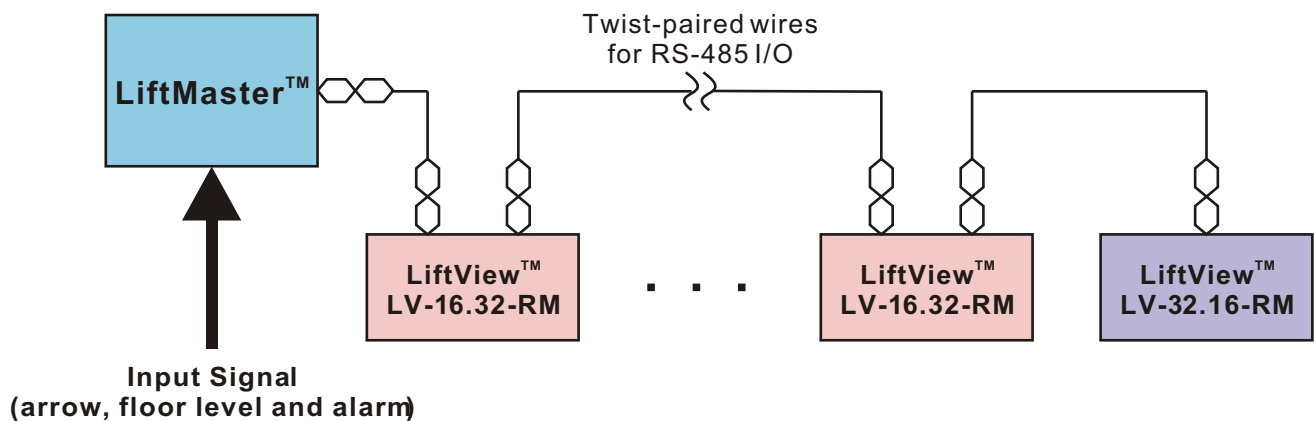
DIMENSIONS



Remark: Drawings are not in scale

NETWORK TOPOLOGY

Daisy Chain Network, with up to 256 LiftView™ display boards per chain. Each display may be up to 4000 feet away from a LiftMaster™ controller.



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Product Preview

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INPUT SIGNALS

Three types of signal are accepted (encoded by the LiftMaster™ unit).

Floor Level Most recent edge triggered signal of this type is memorized and always shown on the LiftView™ display.

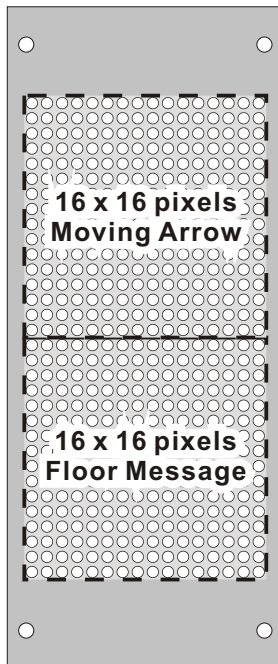
Direction This level triggered signal controls display of UP/DOWN arrow. If both directions are active, it will show the DOWN arrow only.

Alarm This level triggered signal causes immediate display of pre-setted alarm messages. They are set from A.1 to A.4 trigger in LiftCentral™ software.

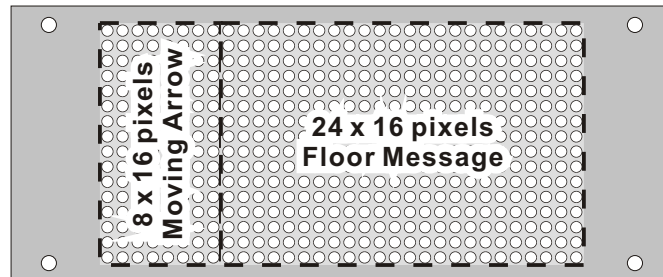
DISPLAY CONFIGURATION

When displaying **Arrow** and **Floor Level Message**, the display area is divided into two regions.

LV-16.32-RM



LV-32.16-RM



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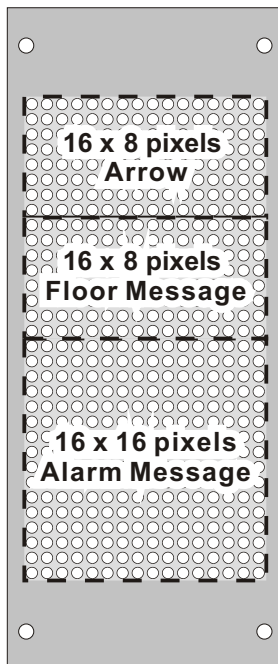
Website: www.siriushk.com

Product Preview

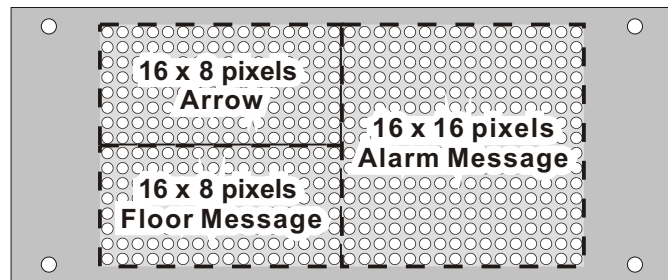
December, 2001

When displaying **Alarm Message**, the display area is divided into three regions. They will show the direction of lift, floor number and scrolling alarm message.

LV-16.32-RM



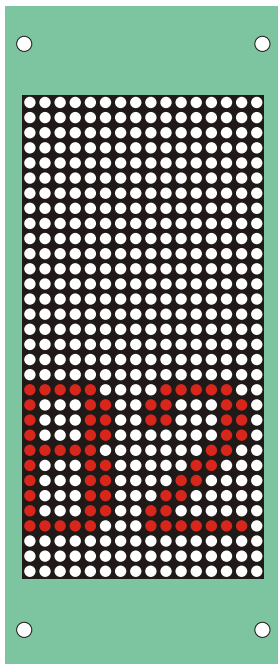
LV-32.16-RM



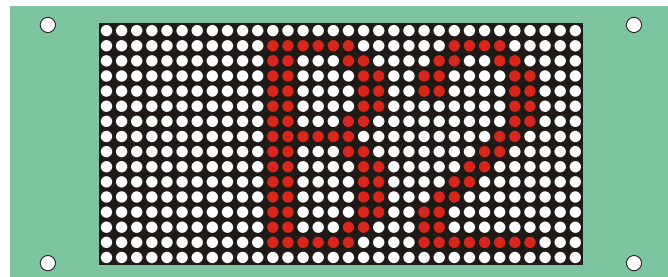
DISPLAY FORMAT

With no active signal, memorized floor level is shown in floor region.

LV-16.32-RM



LV-32.16-RM



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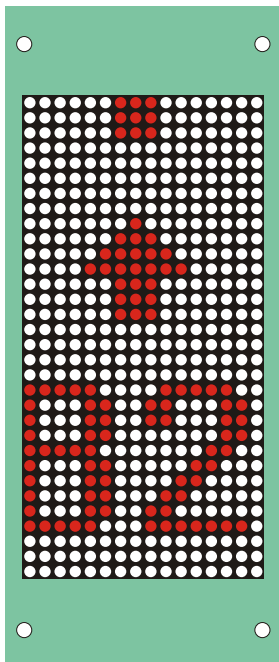
Website: www.siriushk.com

Product Preview

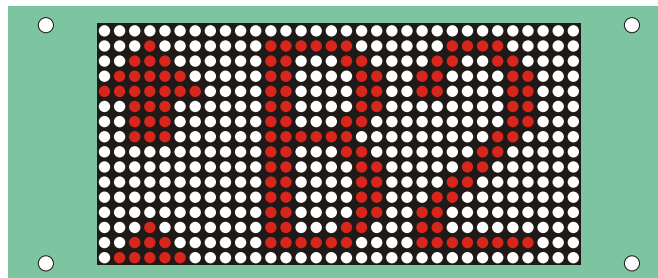
December, 2001

With active direction signal, moving up/down arrow is shown on the top region of display.

LV-16.32-RM

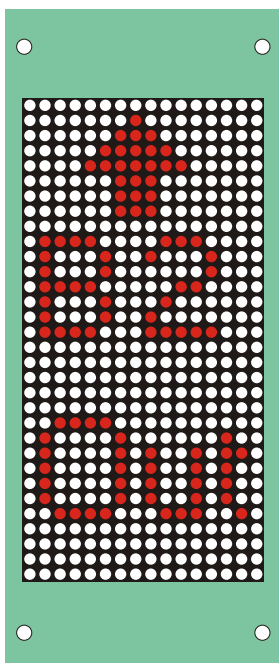


LV-32.16-RM

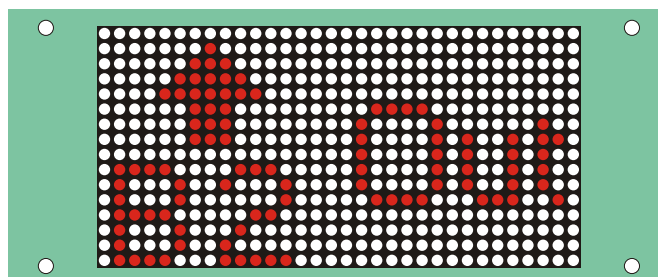


With one or more active alarm signals, the corresponding messages will show by scrolling from right to left. The direction of lift and floor number also are shown on the display. For example, showing **Out of Service** message.

LV-16.32-RM



LV-32.16-RM



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Product Preview

December, 2001

SPECIFICATION

LV-16.32-RM				
Interface	RS-485			
Physical PCB Size (mm)	73 (W) X 175 (H) X 30 (D)			
Display Area (mm)	64 (W) X 128 (H)			
Dot Size / Diameter (mm)	3			
Dot Pitch (mm)	4			
Number of LED Dots	16 columns X 32 rows			
Alphanumeric Character Height (Max.)	40 mm			
Chinese Character Height	Not Applicable			
Parameter	Min.	Typical	Max.	Tolerance
Supply Voltage, DC	13.3V		27V	10%
Normal Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				
Self-test Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				

LV-32.16-RM				
Interface	RS-485			
Physical PCB Size (mm)	64 (W) X 102 (H) X 30 (D)			
Display Area (mm)	64 (W) X 64 (H)			
Dot Size / Diameter (mm)	3			
Dot Pitch (mm)	4			
Number of LED Dots	32 columns X 16 rows			
Alphanumeric Character Height (Max.)	56 mm			
Chinese Character Height	Not Applicable			
Parameter	Min.	Typical	Max.	Tolerance
Supply Voltage, DC	13.3V		27V	10%
Normal Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				
Self-test Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				



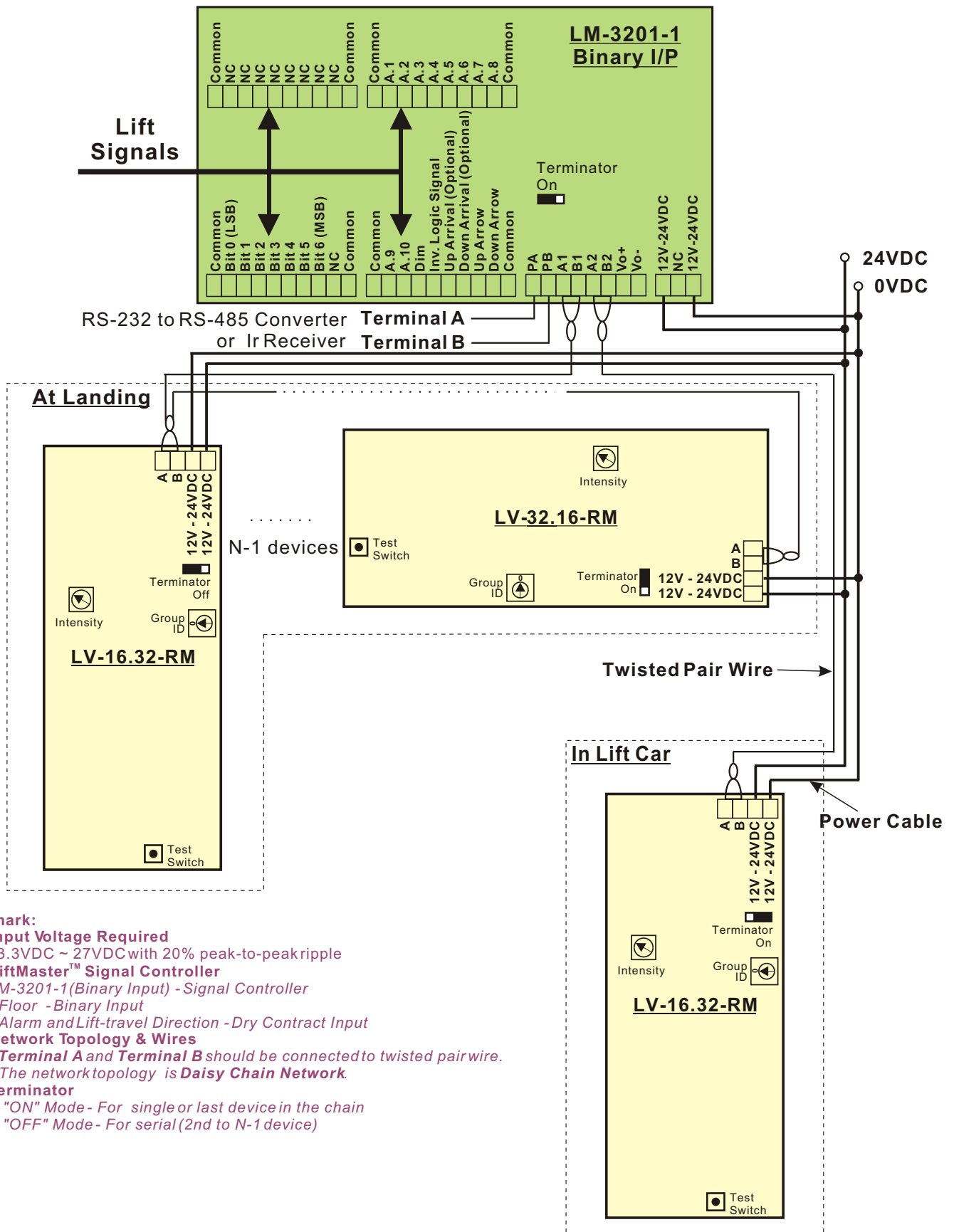
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Product Preview

December, 2001

SAMPLE WIRING DIAGRAM



Remark:

1. **Input Voltage Required**
13.3VDC ~ 27VDC with 20% peak-to-peak ripple
2. **LiftMaster™ Signal Controller**
LM-3201-1(Binary Input) -Signal Controller
* Floor -Binary Input
* Alarm and Lift-travel Direction -Dry Contract Input
3. **Network Topology & Wires**
* **Terminal A and Terminal B** should be connected to twisted pair wire.
* The network topology is **Daisy Chain Network**.
4. **Terminator**
* "ON" Mode- For single or last device in the chain
* "OFF" Mode- For serial (2nd to N-1 device)



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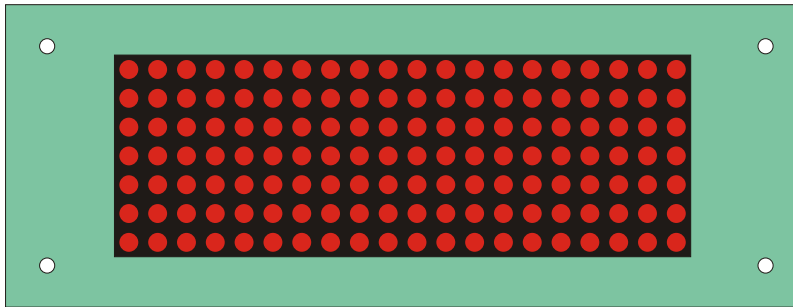
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Product Preview

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LV-20.07 SERIES

LV-20.07-RVL



General Description

The first total solution of Lift indicators LiftView™ system is specially built for the Lift project to achieve higher brightness, less power consumption, lower maintenance cost and a more stable system.

The LiftView™ System brings to you the simplest way to handle all types of lift projects including software and hardware handling - LiftView™ LED display series, LiftMaster™ signal controller, LiftSpeaker™ digital voice announcer and LiftCentral™ software.

Applications

Lift car panel
Lift landing panel

Features

13.3VDC ~ 27VDC input voltage with 20% peak-to-peak ripple
High power efficiency
Low heat dissipation
High Brightness LED
Thermal shutdown and current limit protection
Self-resettable fuse
Adjustable brightness control for power saving
Self-test Mode for testing LEDs function correctly
Floor level on-site programmable
Up and Down arrows are fixed bitmap graphic
Fixed character set
128 numbers user defined floor level (e.g. T.0 ~ T.127)
RS-485 twist-paired wiring system, can be connected up to 256 units with our LiftMaster™ and max. 4000 feet distance
The communication network topology is Daisy Chain Network
Can be programmed by all LiftView™ products up to 256 units at the same time through LiftMaster™ and LiftCentral™ software package



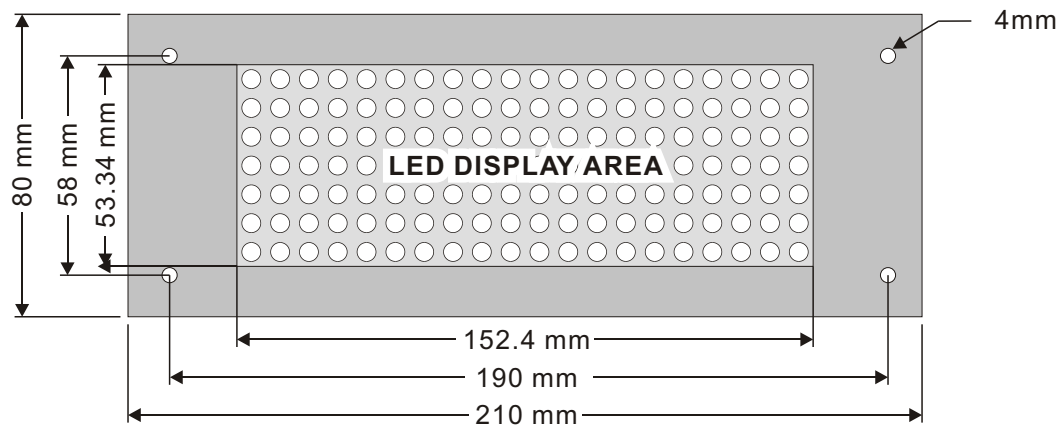
16/F, Futura Plaza, 111 How Ming Street, Kwun Tong, Kowloon, HKSAR.
Tel: (852) 2749 9825 Fax: (852) 2398 7605 Email: info@siriushk.com

Website: www.siriushk.com

Product Preview

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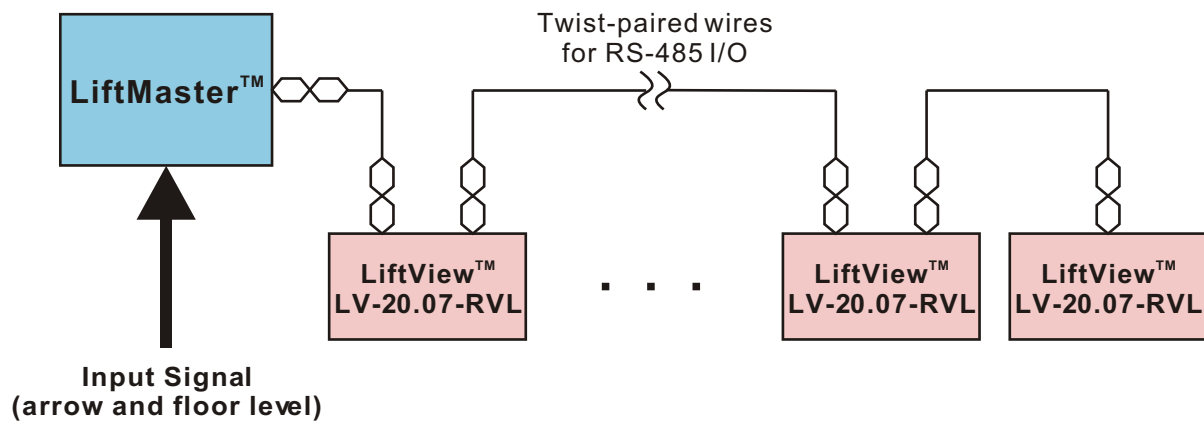
DIMENSIONS



Remark: Drawings are not in scale

NETWORK TOPOLOGY

Daisy Chain Network, with up to 256 LiftView™ display boards per chain. Each display may be up to 4000 feet away from a LiftMaster™ controller.



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Product Preview

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INPUT SIGNALS

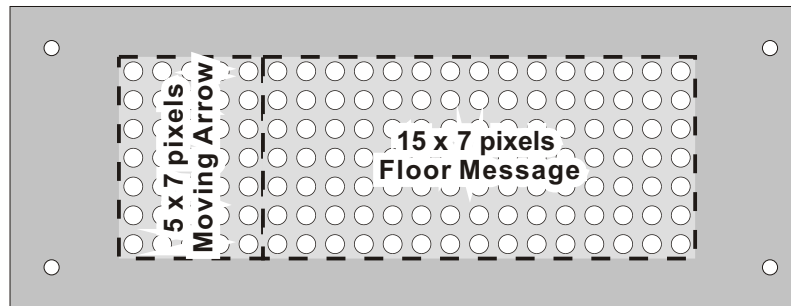
Two types of signal are accepted (encoded by the LiftMaster™ unit).

Floor Level Most recent edge triggered signal of this type is memorized and always shown on the LiftView™ display.

Direction This level triggered signal controls display of UP/DOWN arrow. If both directions are active, it will show the DOWN arrow only.

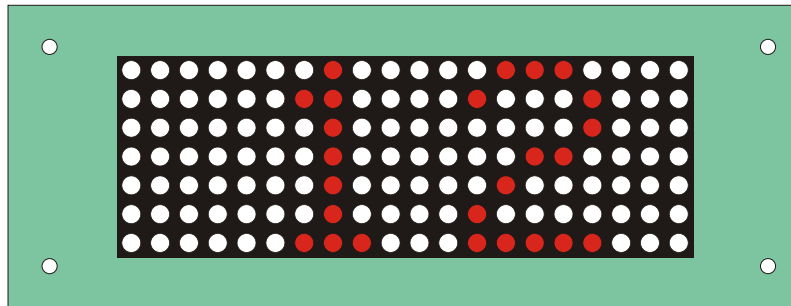
DISPLAY CONFIGURATION

The display area is divided into two regions to display **Arrow** and **Floor Level Message**.

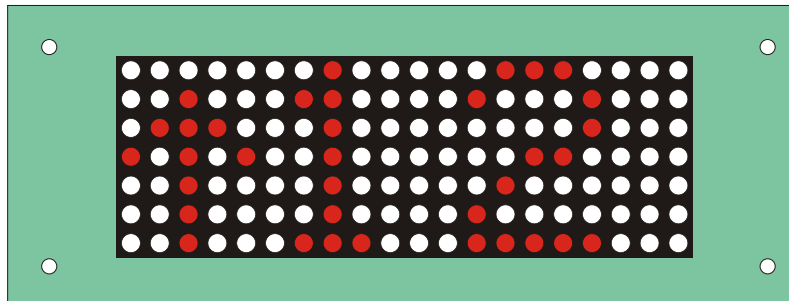


DISPLAY FORMAT

With no active signal, memorized floor level is shown in floor region.



With active direction signal, moving up/down arrow is shown on the top region of display.



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Product Preview

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SPECIFICATION

LV-20.07-RVL				
Interface	RS-485 / 7 inputs			
Physical PCB Size (mm)	210 (W) X 80 (H) X 50 (D)			
Display Area (mm)	152.4 (W) X 53.34 (H)			
Dot Size / Diameter (mm)	5			
Dot Pitch (mm)	7.62			
Number of LED Dots	20 columns X 7 rows			
Alphanumeric Character Height (Max.)	51 mm			
Chinese Character Height	Not Applicable			
Parameter	Min.	Typical	Max.	Tolorence
Supply Voltage, DC	13.3V		27V	10%
Normal Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				
Self-test Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				



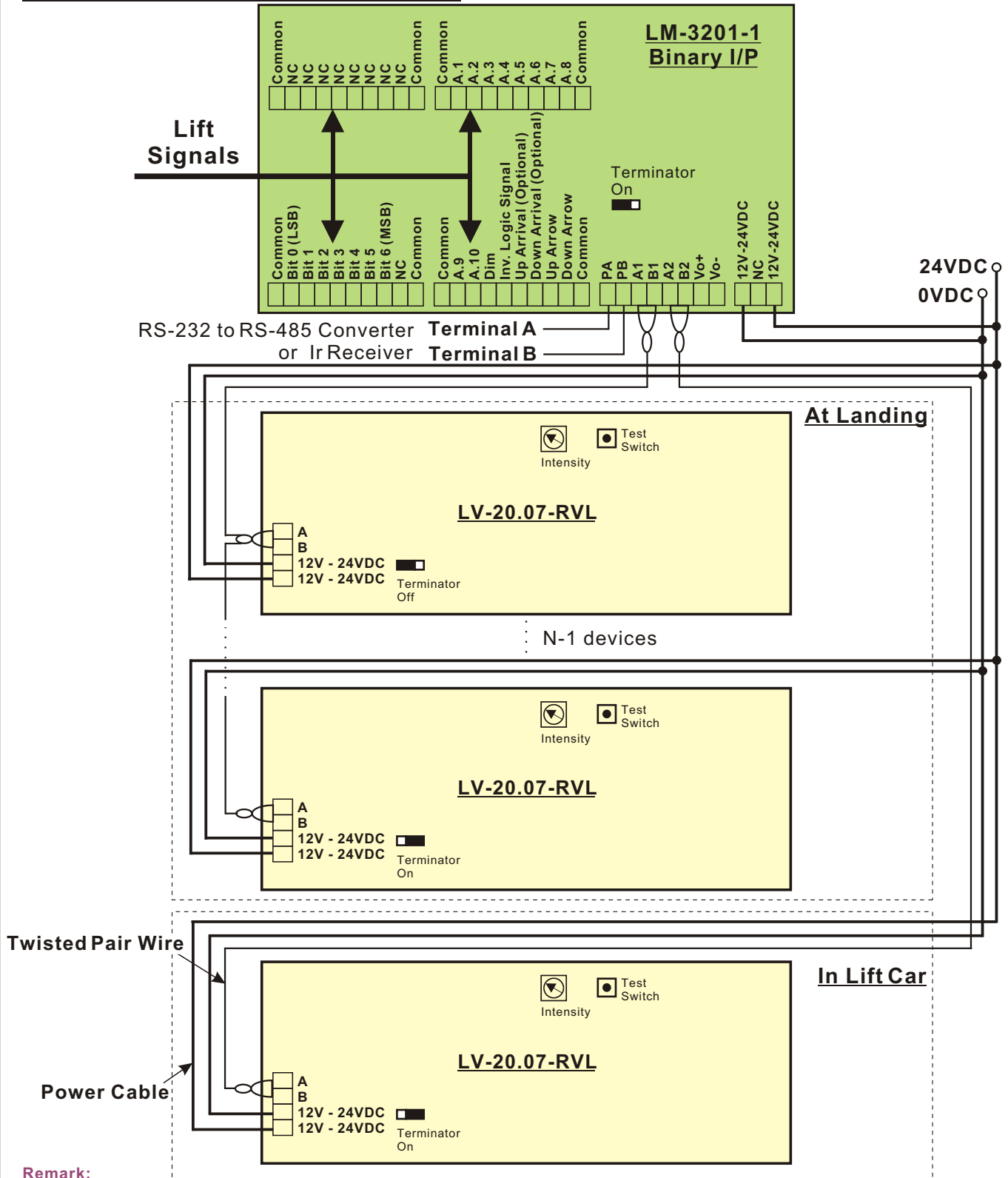
16/F, Futura Plaza, 111 How Ming Street, Kwun Tong, Kowloon, HKSAR.
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Product Preview

December, 2001

SAMPLE WIRING DIAGRAM



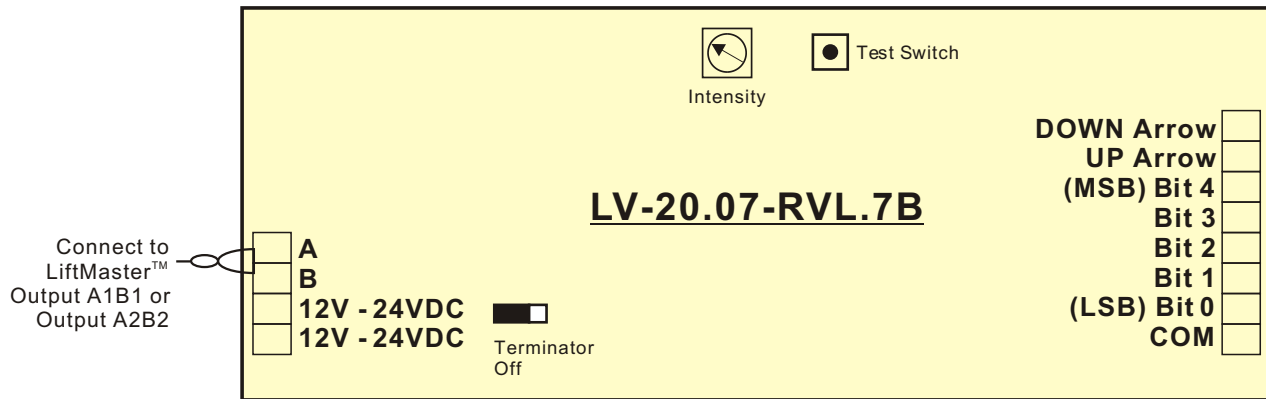
Remark:

1. **Input Voltage Required**
13.3VDC ~ 27VDC with 20% peak-to-peak ripple
2. **LiftMaster™ Signal Controller**
LM-3201-1(Binary Input) - Signal Controller
* Floor - Binary Input
* Alarm and Lift-travel Direction - Dry Contract Input
3. **Network Topology & Wires**
* **Terminal A** and **Terminal B** should be connected to twisted pair wire.
* The network topology is **Daisy Chain Network**.
4. **Terminator**
* "ON" Mode - For single or last device in the chain
* "OFF" Mode - For serial (2nd to N-1 device)

Product Preview

December, 2001

PIN ASSIGNMENT FOR LV-20.07-RVL.7B



Remark:

1. Input Voltage Required

13.3VDC ~ 27VDC with 20% peak-to-peak ripple

2. Terminator

* "ON" Mode

- For single or last device in the chain

* "OFF" Mode

- For serial (2nd to N-1 device)

3. Programming userdefined floor level messages

A and B must connect to the LiftMaster™'s Output A1B1 or Output A2B2



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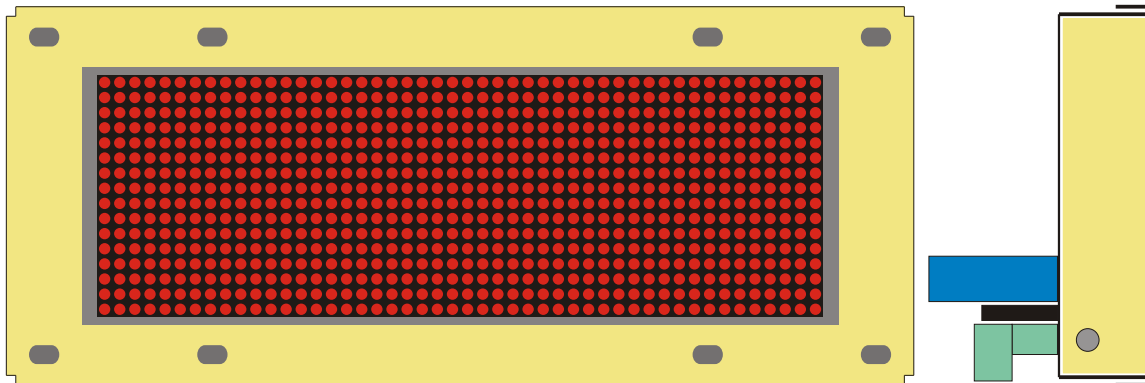
Website: www.siriushk.com

Product Preview

December, 2001

LV-48.16 SERIES

LV-48.16-RM



General Description

The first total solution of Lift indicators LiftView™ system is specially built for the Lift project to achieve higher brightness, less power consumption, lower maintenance cost and a more stable system.

The LiftView™ System brings to you the simplest way to handle all types of lift projects including software and hardware handling - LiftView™ LED display series, LiftMaster™ signal controller, LiftSpeaker™ digital voice announcer and LiftCentral™ software.

The system is suitable for all countries, including characters such as Japanese and Chinese. Instant floor level data programming can be done through our LiftCentral™ and LiftMaster™.

Applications

- Lift car panel
- Lift landing panel
- Surveillance panel
- OEM for vending machine

Features

- 13.3VDC to 27VDC input voltage with 20% peak-to-peak ripple
- High power efficiency
- Low heat dissipation
- High Brightness LED
- Thermal shutdown and current limit protection
- Self-resettable fuse
- Adjustable brightness control for power saving
- Self-test Mode for testing LEDs function correctly
- Floor level on-site programmable
- Up and Down arrows are fixed bitmap graphic
- 10 numbers user defined **Alarm Messages** (A.1 ~ A.10)
- 8 numbers **Group Message Selector**
- 240 numbers user defined floor level (e.g. T.0 ~ T.239)
- 240 numbers **Floor ID Selector** for arrival blinking indicator (Optional feature)
- RS-485 twist-paired wiring system, can be connected up to 256 units with our LiftMaster™ and max. 4000 feet distance
- The communication network topology is Daisy Chain Network
- Can be programmed by all LiftView™ products up to 256 units at the same time through LiftMaster™ and LiftCentral™ software package



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Technical drawing of the LED display assembly, showing front and side views with dimensions in millimeters (mm).

Front View Dimensions:

- Overall width: 240 mm
- Overall height: 100 mm
- LED DISPLAY AREA width: 192 mm
- LED DISPLAY AREA height: 64 mm
- Top and bottom mounting tabs: 5 mm x 8 mm
- Horizontal spacing from left edge to LED area: 44.5 mm
- Horizontal spacing between LED area and right edge: 44.5 mm
- Vertical spacing from top edge to LED area: 68 mm
- Vertical spacing from LED area to bottom edge: 64 mm

Side View Dimensions:

- Overall depth: 60 mm
- LED area depth: 25 mm
- LED area height: 10 mm
- Mounting tab depth: 6 mm
- Mounting tab height: 10 mm
- Mounting tab width: 8 mm

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Product Preview

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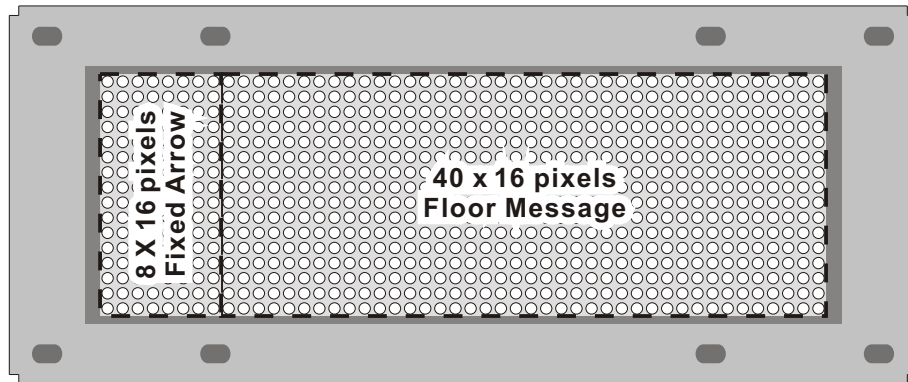
INPUT SIGNALS

Three types of signal are accepted (encoded by the LiftMaster™ unit).

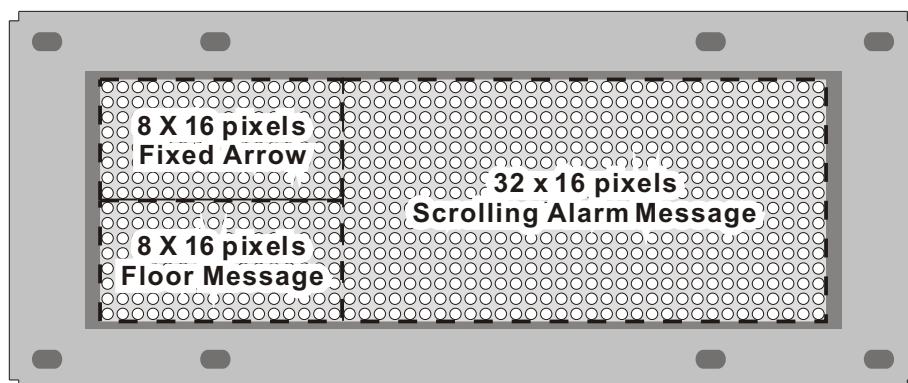
- Floor Level** Most recent edge triggered signal of this type is memorized and always shown on the LiftView™ display.
- Direction** This level triggered signal controls display of UP/DOWN arrow. If both directions are active, it will show the DOWN arrow only.
- Alarm** This level triggered signal causes immediate display of pre-defined alarm messages. Multiple alarm signals may be simultaneously active. They are set from A.1 to A.10 trigger in LiftCentral™ software.

DISPLAY CONFIGURATION

When displaying **Arrow** and **Floor Level Message**, the display area is divided into two regions.



When displaying **Alarm Message**, the display area is divided into three regions. They will show the direction of lift, floor number and scrolling alarm message.



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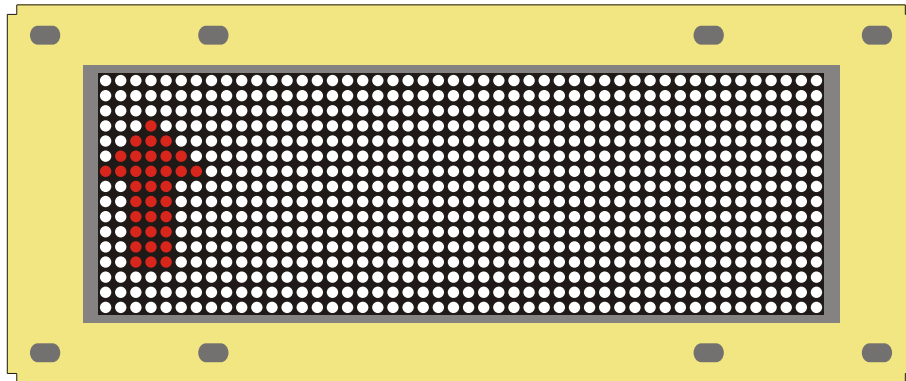
Website: www.siriushk.com

Product Preview

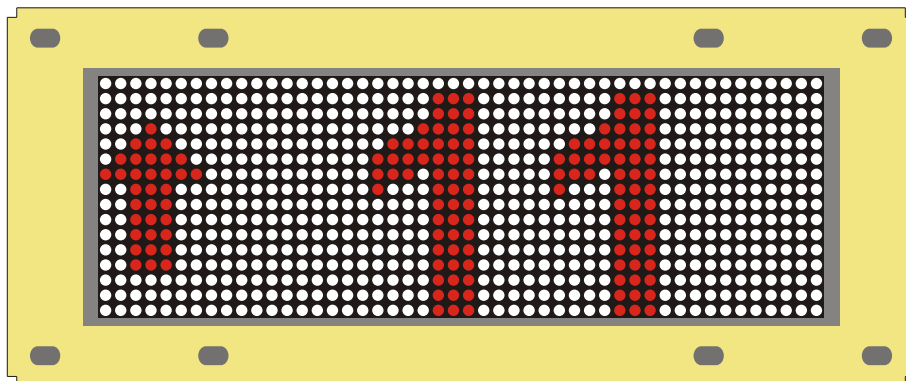
December, 2001

DISPLAY FORMAT

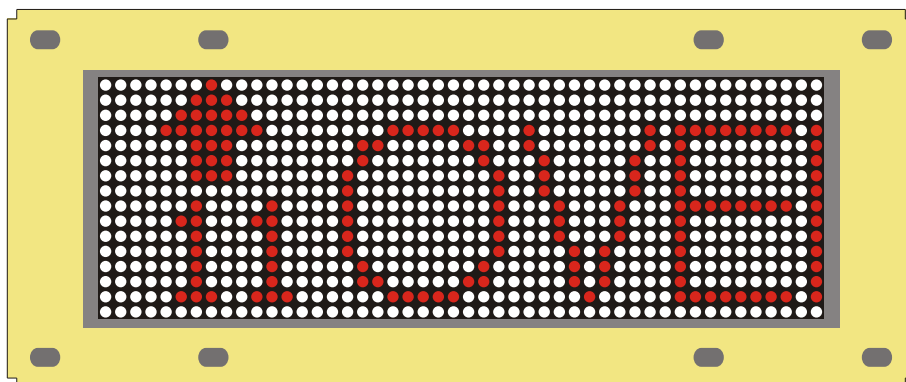
With no active signal, memorized floor level is shown in floor region.



With active direction signal, moving up/down arrow is shown on the top region of display.



With one or more active alarm signals, the corresponding messages will show on the display by scrolling from right to left. The floor message and arrow will shown on the left. For example, showing **OVERLOAD** message.



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Product Preview

December, 2001

SPECIFICATION

LV-48.16-RM				
Interface	RS-485			
Physical Size (mm)	240 (W) X 100 (H) X60 (D)			
Display Area (mm)	192 (W) X 64 (H)			
Dot Size / Diameter (mm)	3			
Dot Pitch (mm)	4			
Number of LED Dots	48 columns X 16 rows			
Alphanumeric Character Height (Max.)	63 mm			
Chinese Character Height (Max.)	59 mm			
	Floor Message	Alarm Message	Short Name	
Number of Character Per Message	2 English Char. or 2 Chinese Char.	256 English Char. or 128 Chinese Char.	2 English Character	
Range of Trigger	Left	Central		
	T.1 ~ T.239	A.1 ~ A.10	Same as Floor Message	
	Min.	Typical	Max.	Tolorence
Supply Volta ^{ge} , DC	13.3V		27V	10%
Normal Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				
Self-test Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				



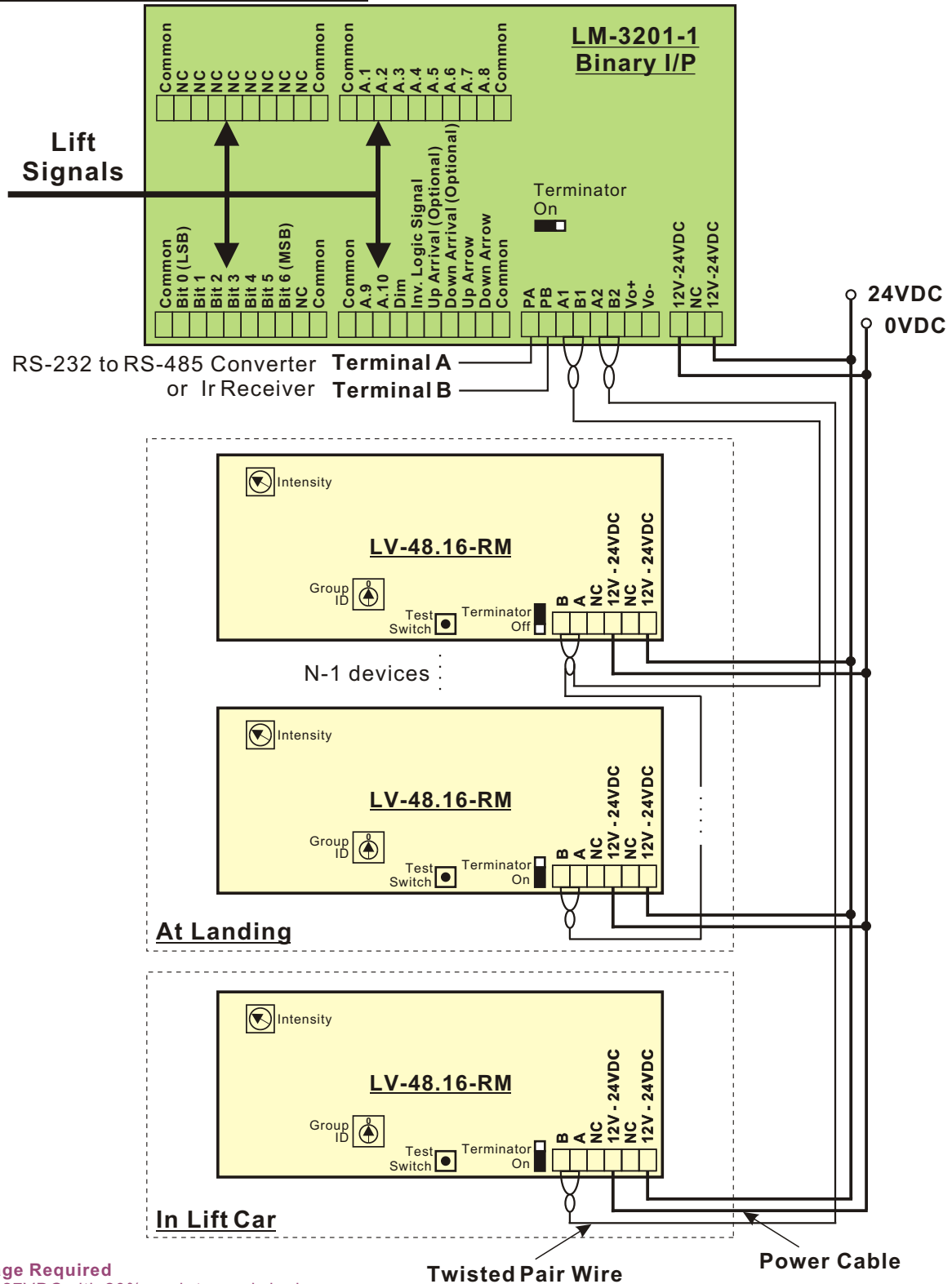
16/F, Futura Plaza, 111 How Ming Street, Kwun Tong, Kowloon, HKSAR.
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Product Preview

December, 2001

SAMPLE WIRING DIAGRAM



Remark:

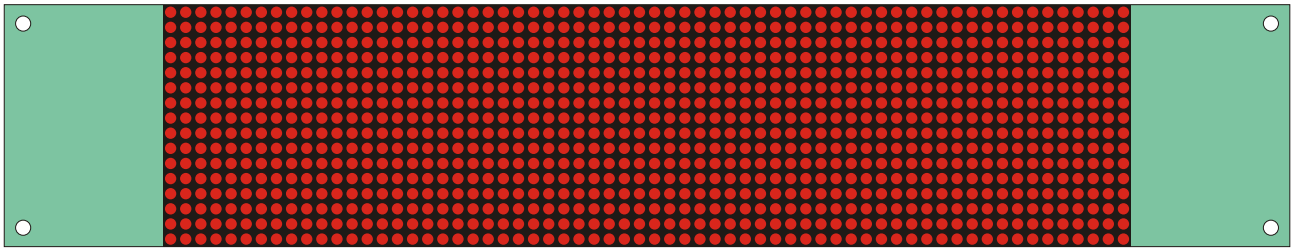
1. **Input Voltage Required**
13.3VDC ~ 27VDC with 20% peak-to-peak ripple
2. **LiftMaster™ Signal Controller**
LM-3201-1(Binary Input) -Signal Controller
* Floor -Binary Input
* Alarm and Lift-travel Direction -Dry Contact Input
3. **Network Topology & Wires**
* **Terminal A** and **Terminal B** should be connected to twisted pair wire.
* The network topology is **Daisy Chain Network**.
4. **Terminator**
* "ON" Mode - For single or last device in the chain
* "OFF" Mode - For serial (2nd to N-1 device)

Product Preview

December, 2001

LV-64.16 SERIES

LV-64.16-RM



General Description

The first total solution of Lift indicators LiftView™ system is specially built for the Lift project to achieve higher brightness, less power consumption, lower maintenance cost and a more stable system.

The LiftView™ System brings to you the simplest way to handle all types of lift projects including software and hardware handling - LiftView™ LED display series, LiftMaster™ signal controller, LiftSpeaker™ digital voice announcer and LiftCentral™ software.

The system is suitable for all countries, including characters such as Japanese and Chinese. Instant floor level data programming can be done through our LiftCentral™ and LiftMaster™.

Applications

- Lift car panel
- Lift landing panel
- Surveillance panel
- OEM for vending machine

Features

- 13.3VDC to 27VDC input voltage with 20% peak-to-peak ripple
- High power efficiency
- Low heat dissipation
- High Brightness LED
- Thermal shutdown and current limit protection
- Self-resettable fuse
- Adjustable brightness control for power saving
- Self-test Mode for testing LEDs function correctly
- Floor level on-site programmable
- Up and Down arrows are fixed bitmap graphic
- 10 numbers user defined **Alarm Messages** (A.1 ~ A.10)
- 8 numbers **Group Message Selector**
- 240 numbers user defined floor level (e.g. T.0 ~ T.239)
- 240 numbers **Floor ID Selector** for arrival blinking indicator (Optional feature)
- RS-485 twist-paired wiring system, can be connected up to 256 units with our LiftMaster™ and max. 4000 feet distance
- The communication network topology is Daisy Chain Network
- Can be programmed by all LiftView™ products up to 256 units at the same time through LiftMaster™ and LiftCentral™ software package



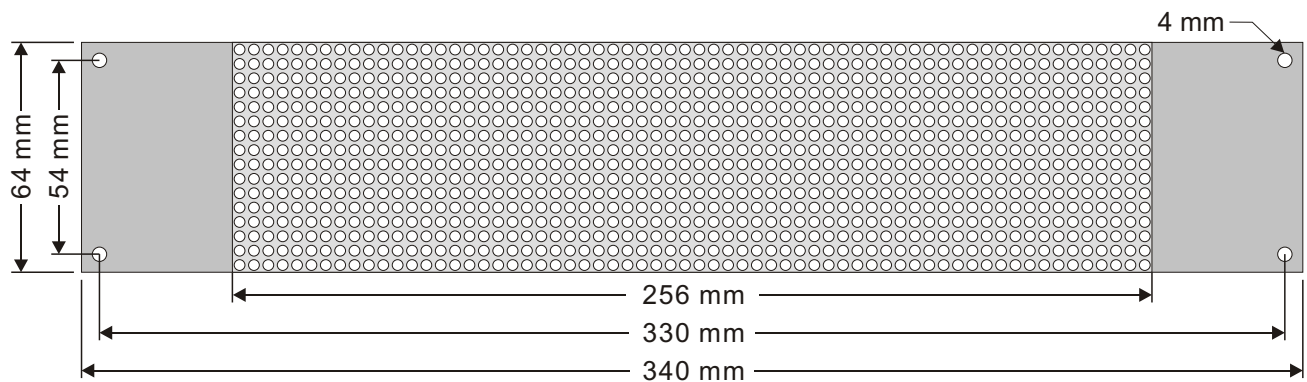
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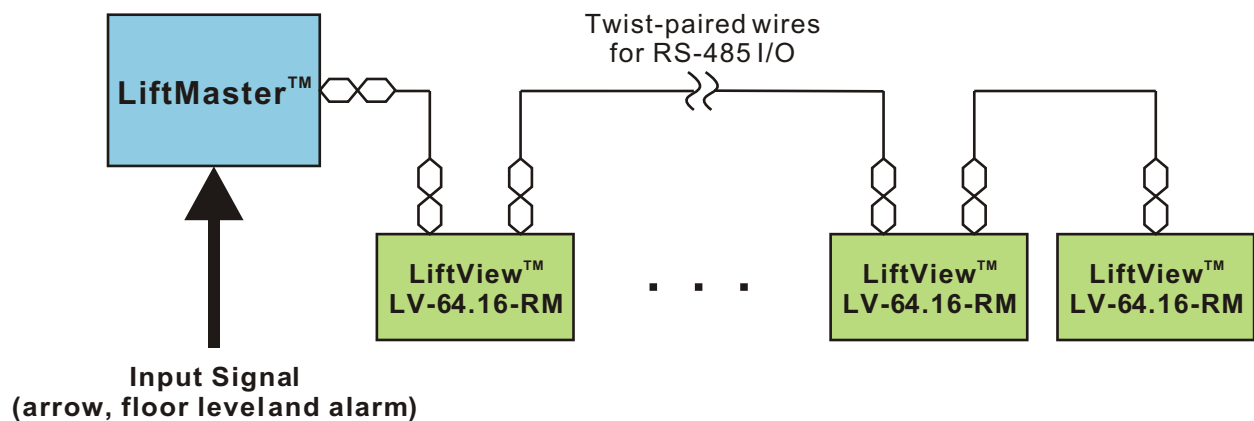
DIMENSIONS



Remark: Drawings are not in scale

NETWORK TOPOLOGY

Daisy Chain Network, with up to 256 LiftView™ display boards per chain. Each display may be up to 4000 feet away from a LiftMaster™ controller.



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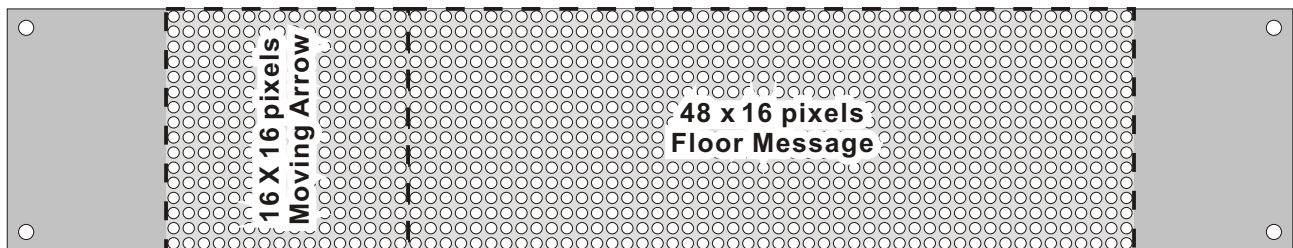
INPUT SIGNALS

Three types of signal are accepted (encoded by the LiftMaster™ unit).

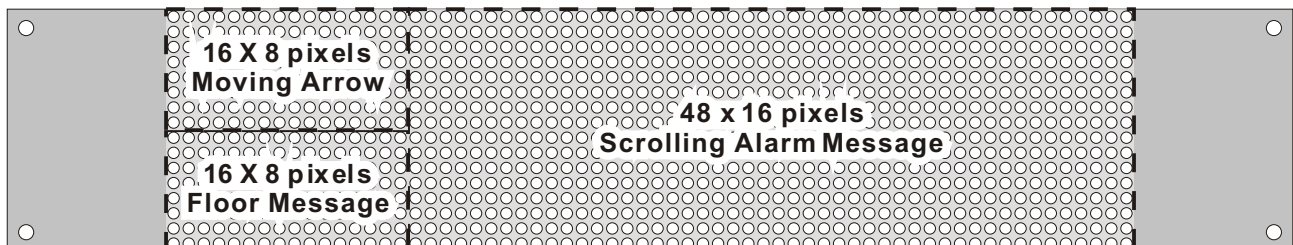
- Floor Level** Most recent edge triggered signal of this type is memorized and always shown on the LiftView™ display.
- Direction** This level triggered signal controls display of UP/DOWN arrow. If both directions are active, it will show the DOWN arrow only.
- Alarm** This level triggered signal causes immediate display of pre-defined alarm messages. Multiple alarm signals may be simultaneously active. They are set from A.1 to A.10 trigger in LiftCentral™ software.

DISPLAY CONFIGURATION

When displaying **Arrow** and **Floor Level Message**, the display area is divided into two regions.

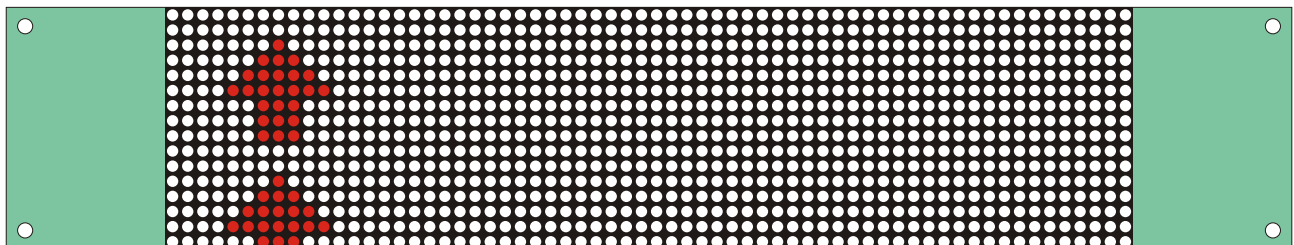


When displaying **Alarm Message**, the display area is divided into three regions. They will show the direction of lift, floor number and scrolling alarm message.



DISPLAY FORMAT

With no active signal, memorized floor level is shown in floor region.



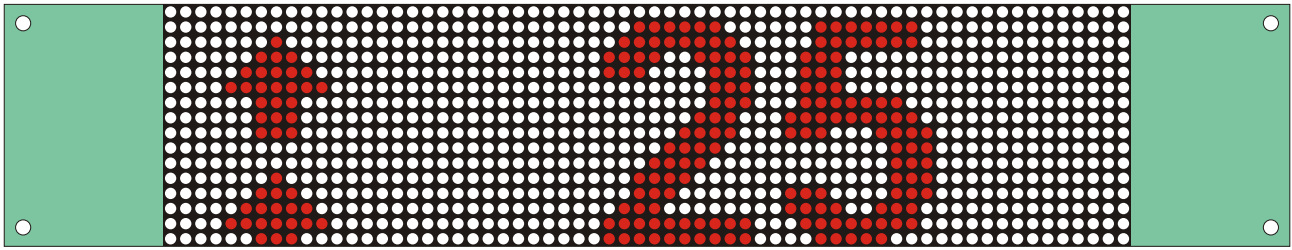
16/F, Futura Plaza, 111 How Ming Street, Kwun Tong, Kowloon, HKSAR.
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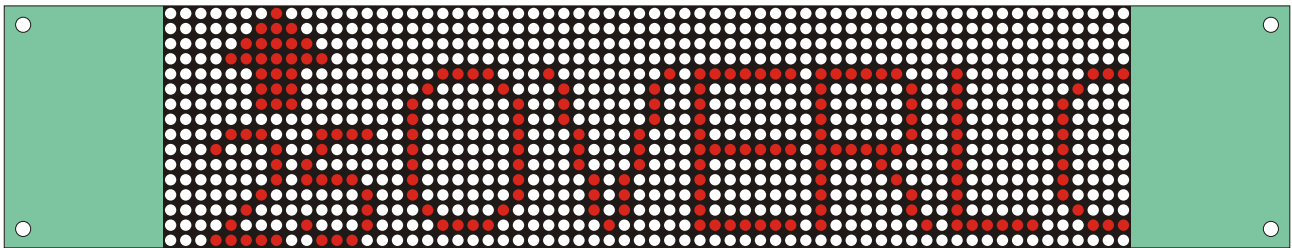
Product Preview

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With active direction signal, moving up/down arrow is shown on the top region of display.



With one or more active alarm signals, the corresponding messages will show on the display by scrolling from right to left. The floor message and arrow will shown on the left. For example, showing **Overload** message.



SPECIFICATION

LV-64.16-RM Series				
Interface	RS-485			
Physical Size (mm)	340 (W) X 64 (H) X 50 (D)			
Display Area (mm)	330 (W) X 64 (H)			
Dot Size / Diameter (mm)	3			
Dot Pitch (mm)	4			
Number of LED Dots	64 columns X 16 rows			
Alphanumeric Character Height (Max.)	63 mm			
Chinese Character Height (Max.)	59 mm			
	Floor Message	Alarm Message	Short Name	
Number of Character Per Message	4 English Char. or 3 Chinese Char.	256 English Char. or 128 Chinese Char.	2 English Character	
Range of Trigger	T.1 ~ T.239	A.1 ~ A.10	Same as Floor Message	
	Min.	Typical	Max.	Tolerance
Supply Voltage, DC	13.3V		27V	10%
Normal Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				
Self-test Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				



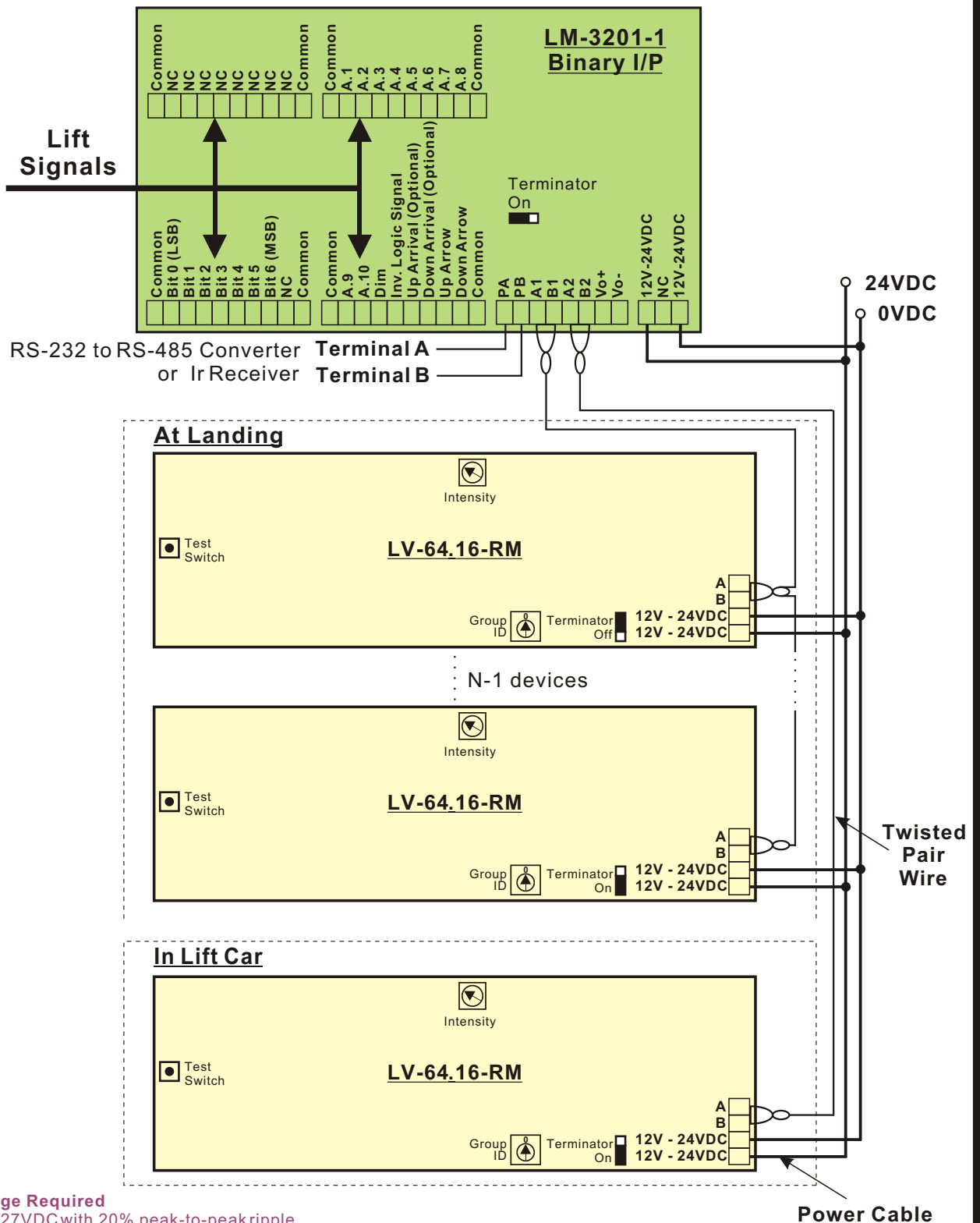
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SAMPLE WIRING DIAGRAM



Remark:

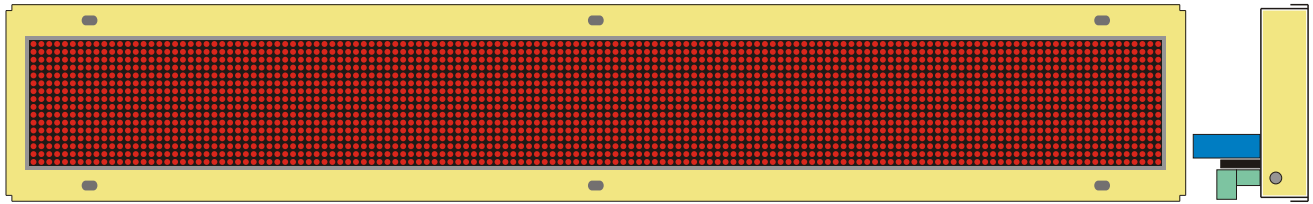
- Input Voltage Required**
13.3VDC ~ 27VDC with 20% peak-to-peak ripple
- LiftMaster™ Signal Controller**
LM-3201-1(Binary Input) - Signal Controller
* Floor - Binary Input
* Alarm and Lift-travel Direction - Dry Contact Input
- Network Topology & Wires**
* **Terminal A** and **Terminal B** should be connected to twisted pair wire.
* The network topology is **Daisy Chain Network**.
- Terminator**
* "ON" Mode - For single or last device in the chain
* "OFF" Mode - For serial (2nd to N-1 device)

Product Preview

December, 2001

LV-144.16 SERIES

LV-144.16-RM



General Description

The first total solution of Lift indicators LiftView™ system is specially built for the Lift project to achieve higher brightness, less power consumption, lower maintenance cost and a more stable system.

The LiftView™ System brings to you the simplest way to handle all types of lift projects including software and hardware handling - LiftView™ LED display series, LiftMaster™ signal controller, LiftSpeaker™ digital voice announcer and LiftCentral™ software.

The system is suitable for all countries, including characters such as Japanese and Chinese. Instant floor level data programming can be done through our LiftCentral™ and LiftMaster™.

Applications

- Lift car panel
- Lift landing panel
- Surveillance panel
- OEM for vending machine

Features

- 13.3VDC to 27VDC input voltage with 20% peak-to-peak ripple
- High power efficiency
- Low heat dissipation
- High Brightness LED
- Thermal shutdown and current limit protection
- Self-resettable fuse
- Adjustable brightness control for power saving
- Self-test Mode for testing LEDs function correctly
- Floor level on-site programmable
- Up and Down arrows are fixed bitmap graphic
- 10 numbers user defined **Alarm Messages** (A.1 ~ A.10)
- 8 numbers **Group Message Selector**
- 240 numbers user defined floor level (e.g. T.0 ~ T.239)
- 240 numbers **Floor ID Selector** for arrival blinking indicator (Optional feature)
- RS-485 twist-paired wiring system, can be connected up to 256 units with our LiftMaster™ and max. 4000 feet distance
- The communication network topology is Daisy Chain Network
- Can be programmed by all LiftView™ products up to 256 units at the same time through LiftMaster™ and LiftCentral™ software package

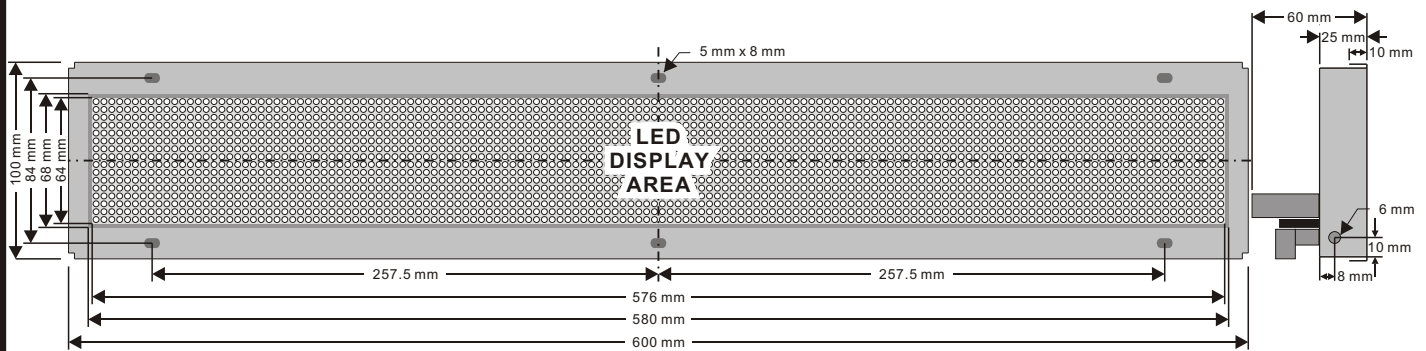


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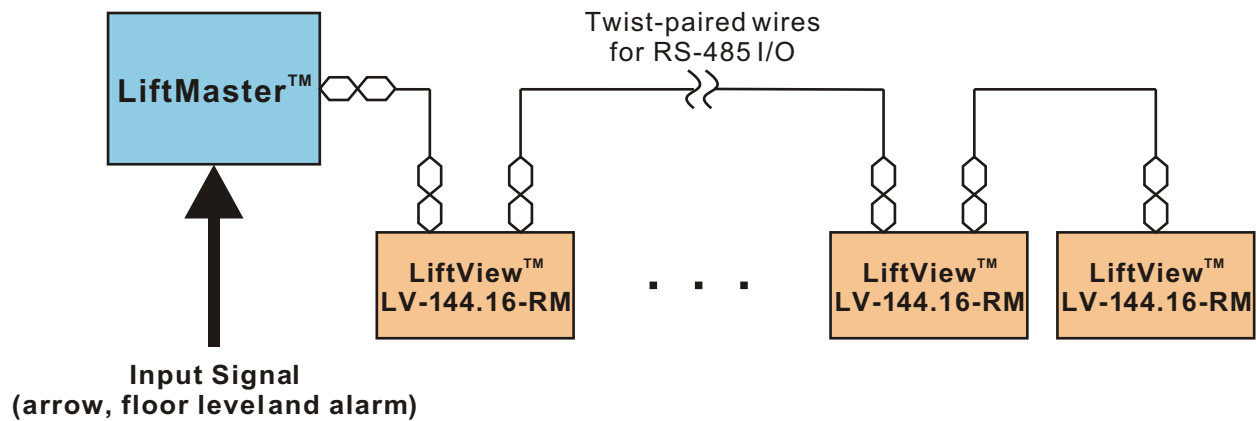
DIMENSIONS



Remark: Drawings are not in scale

NETWORK TOPOLOGY

Daisy Chain Network, with up to 256 LiftView™ display boards per chain. Each display may be up to 4000 feet away from a LiftMaster™ controller.



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Product Preview

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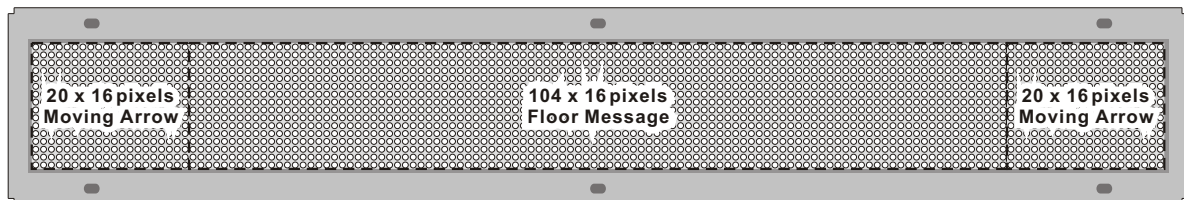
INPUT SIGNALS

Three types of signal are accepted (encoded by the LiftMaster™ unit).

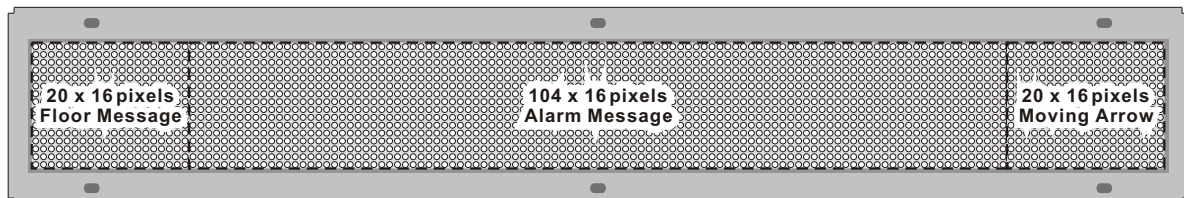
- Floor Level** Most recent edge triggered signal of this type is memorized and always shown on the LiftView™ display.
- Direction** This level triggered signal controls display of UP/DOWN arrow. If both directions are active, it will show the DOWN arrow only.
- Alarm** This level triggered signal causes immediate display of pre-defined alarm messages. Multiple alarm signals may be simultaneously active. They are set from A.1 to A.10 trigger in LiftCentral™ software.

DISPLAY CONFIGURATION

When displaying **Arrow** and **Floor Level Message**, the display area is divided into three regions. **Left** and **Right** regions are reserved for *Direction Indication*. The **Middle** region is reserved for *Floor Level*.

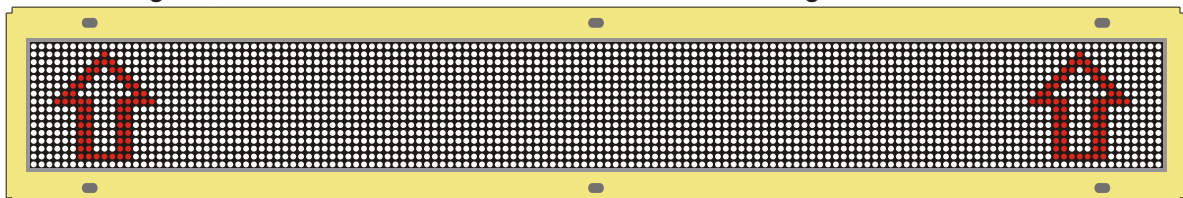


When displaying **Alarm Message**, the display area is also divided into three regions. **Left** region is reserved for *Floor Level*. **Middle** region is reserved for *Scrolling Alarm Message*. **Right** region is reserved for *Direction Indication*.



DISPLAY FORMAT

With no active signal, memorized floor level is shown in floor region.



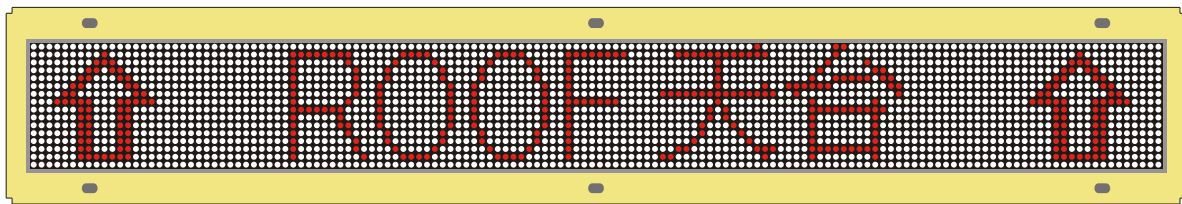
16/F, Futura Plaza, 111 How Ming Street, Kwun Tong, Kowloon, HKSAR.
Tel: (852) 2749 9825 Fax: (852) 2398 7605 Email: info@siriushk.com

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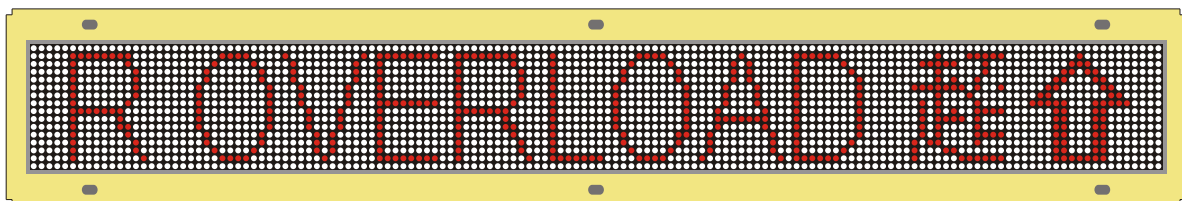
Product Preview

December, 2001

With active direction signal, moving up/down arrow is shown on the top region of display.



With one or more active alarm signals, the corresponding messages will show on the display by scrolling from right to left. The floor message will shown on the left. The direction indicator will shown on the right. For example, showing **OVERLOAD** message.



SPECIFICATION

LV-144.16-RM Series				
Interface	RS-485			
Physical Size (mm)	6000 (W) X 100 (H) X60 (D)			
Display Area (mm)	576 (W) X 64 (H)			
Dot Size / Diameter (mm)	3			
Dot Pitch (mm)	4			
Number of LED Dots	144 columns X 16 rows			
Alphanumeric Character Height (Max.)	63 mm			
Chinese Character Height (Max.)	59 mm			
	Floor Message	Alarm Message	Short Name	
Number of Character Per Message	9 English Char. or 6 Chinese Char.	256 English Char. or 128 Chinese Char.	2 English Character	
Range of Trigger	T.1 ~ T.239	A.1 ~ A.10	Same as Floor Message	
	Min.	Typical	Max.	Tolerance
Supply Voltage, DC	13.3V		27V	10%
Normal Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				
Self-test Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				



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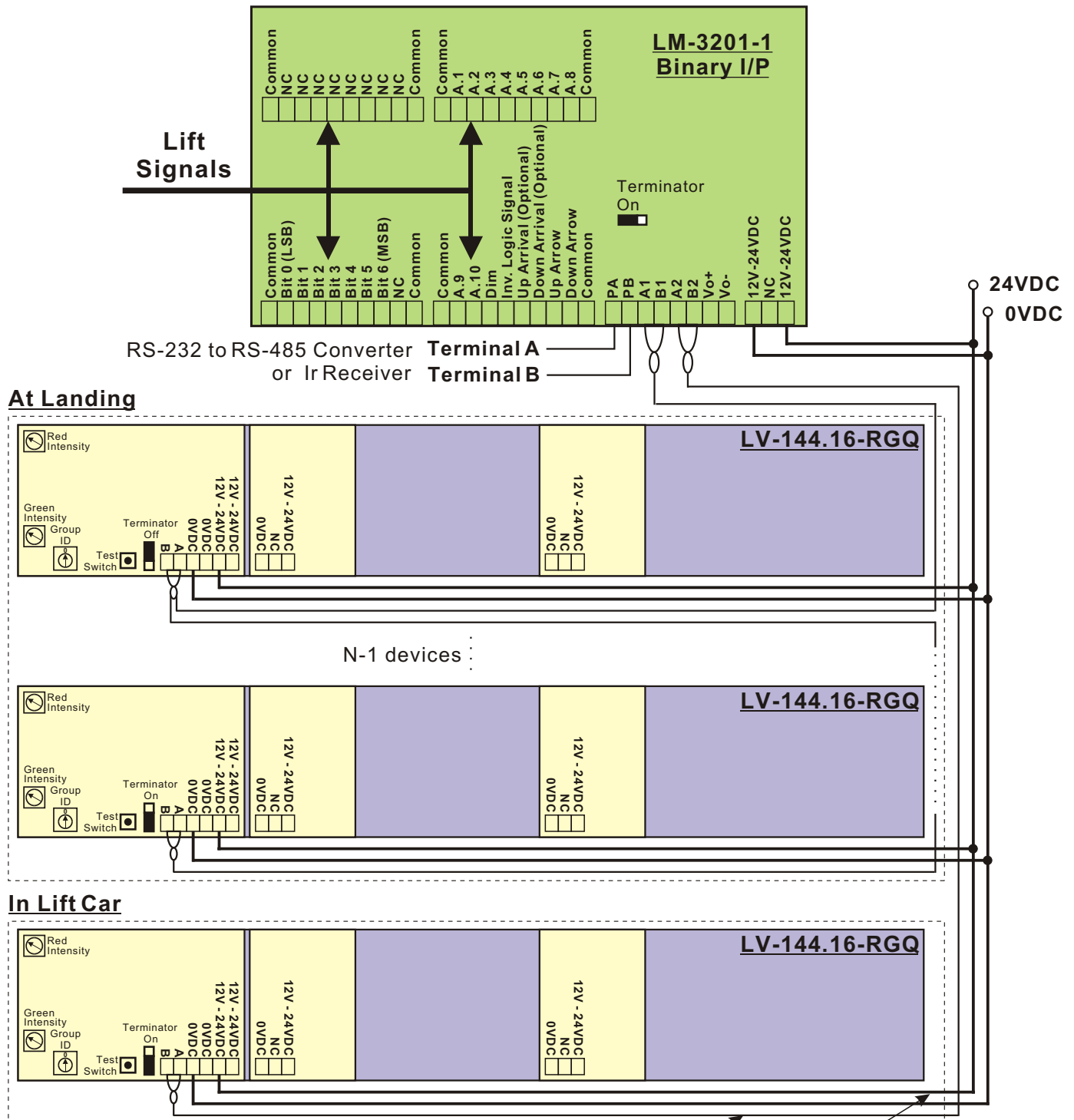
Website: www.siriushk.com

- www.siriushk.com

Product Preview

December, 2001

SAMPLE WIRING DIAGRAM (LV-144.16-RGQ)



Remark:

- Input Voltage Required**
13.3VDC ~ 27VDC with 20% peak-to-peak ripple
- LiftMaster™ Signal Controller**
LM-3201-1 (Binary Input) - Signal Controller
* Floor - Binary Input
* Alarm and Lift-travel Direction - Dry Contact Input
- Network Topology & Wires**
* **Terminal A and Terminal B** should be connected to twisted pair wire.
* The network topology is **Daisy Chain Network**.
- Terminator**
* "ON" Mode - For single or last device in the chain
* "OFF" Mode - For serial (2nd to N-1 device)

Twisted Pair Wire

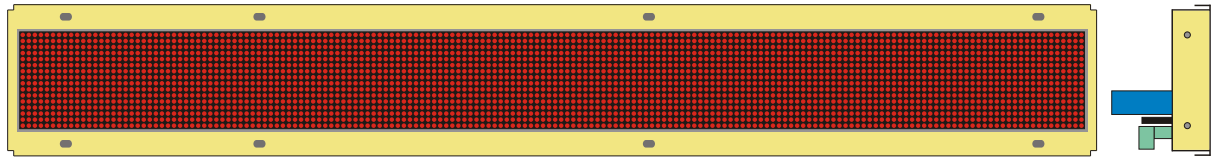
Power Cable

Product Preview

December, 2001

LV-176.16 SERIES

LV-176.16-RM



General Description

The first total solution of Lift indicators LiftView™ system is specially built for the Lift project to achieve higher brightness, less power consumption, lower maintenance cost and a more stable system.

The LiftView™ System brings to you the simplest way to handle all types of lift projects including software and hardware handling - LiftView™ LED display series, LiftMaster™ signal controller, LiftSpeaker™ digital voice announcer and LiftCentral™ software.

The system is suitable for all countries, including characters such as Japanese and Chinese. Instant floor level data programming can be done through our LiftCentral™ and LiftMaster™.

Applications

- Lift car panel
- Lift landing panel
- Surveillance panel
- OEM for vending machine

Features

- 13.3VDC to 27VDC input voltage with 20% peak-to-peak ripple
- High power efficiency
- Low heat dissipation
- High Brightness LED
- Thermal shutdown and current limit protection
- Self-resettable fuse
- Adjustable brightness control for power saving
- Self-test Mode for testing LEDs function correctly
- Floor level on-site programmable
- Up and Down arrows are fixed bitmap graphic
- 10 numbers user defined **Alarm Messages** (A.1 ~ A.10)
- 8 numbers **Group Message Selector**
- 240 numbers user defined floor level (e.g. T.0 ~ T.239)
- 240 numbers **Floor ID Selector** for arrival blinking indicator (Optional feature)
- RS-485 twist-paired wiring system, can be connected up to 256 units with our LiftMaster™ and max. 4000 feet distance
- The communication network topology is Daisy Chain Network
- Can be programmed by all LiftView™ products up to 256 units at the same time through LiftMaster™ and LiftCentral™ software package



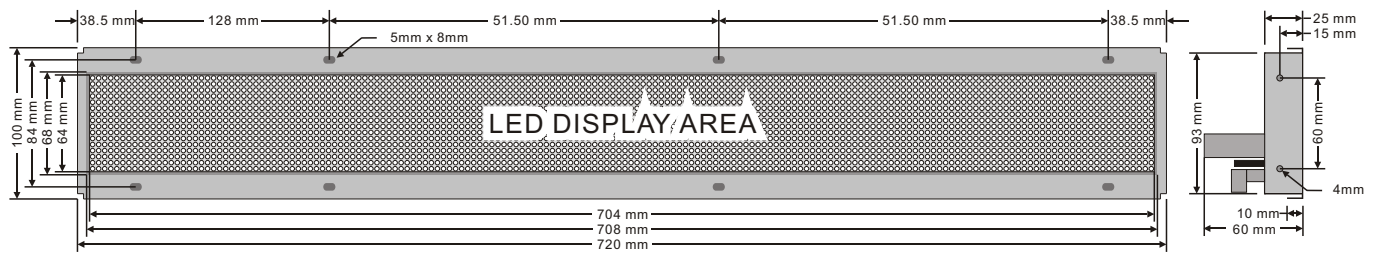
16/F, Futura Plaza, 111 How Ming Street, Kwun Tong, Kowloon, HKSAR.
Tel: (852) 2749 9825 Fax: (852) 2398 7605 Email: info@siriushk.com

Website: www.siriushk.com

Product Preview

December, 2001

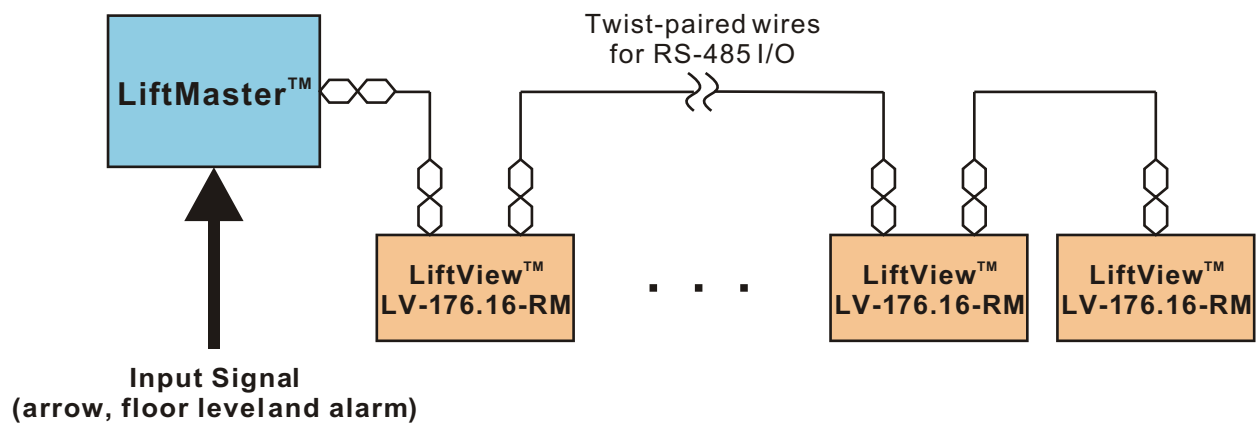
DIMENSIONS



Remark: Drawings are not in scale

NETWORK TOPOLOGY

Daisy Chain Network, with up to 256 LiftView™ display boards per chain. Each display may be up to 4000 feet away from a LiftMaster™ controller.



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Product Preview

December, 2001

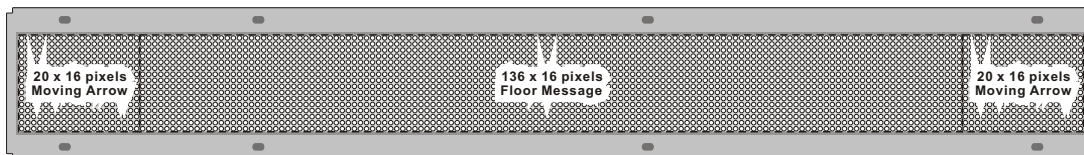
INPUT SIGNALS

Three types of signal are accepted (encoded by the LiftMaster™ unit).

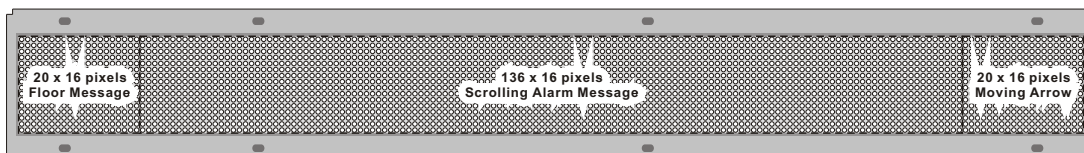
- Floor Level** Most recent edge triggered signal of this type is memorized and always shown on the LiftView™ display.
- Direction** This level triggered signal controls display of UP/DOWN arrow. If both directions are active, it will show the DOWN arrow only.
- Alarm** This level triggered signal causes immediate display of pre-defined alarm messages. Multiple alarm signals may be simultaneously active. They are set from A.1 to A.10 trigger in LiftCentral™ software.

DISPLAY CONFIGURATION

When displaying **Arrow** and **Floor Level Message**, the display area is divided into three regions. **Left** and **Right** regions are reserved for *Direction Indication*. The **Middle** region is reserved for *Floor Level*.

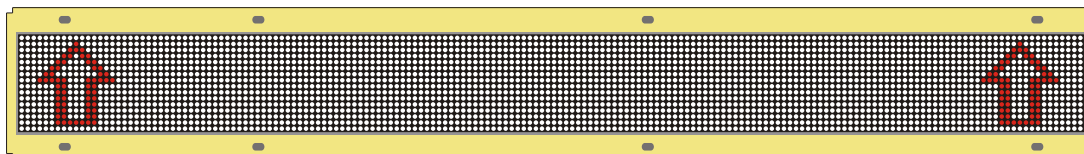


When displaying **Alarm Message**, the display area is also divided into three regions. **Left** region is reserved for *Floor Level*. **Middle** region is reserved for *Scrolling Alarm Message*. **Right** region is reserved for *Direction Indication*.



DISPLAY FORMAT

With no active signal, memorized floor level is shown in floor region.



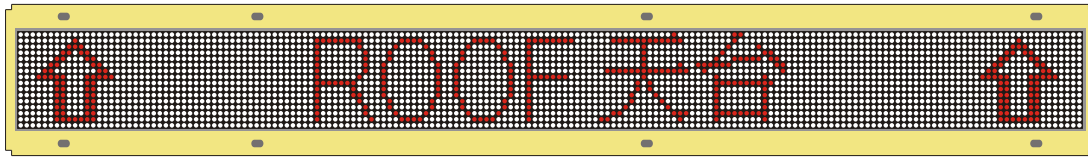
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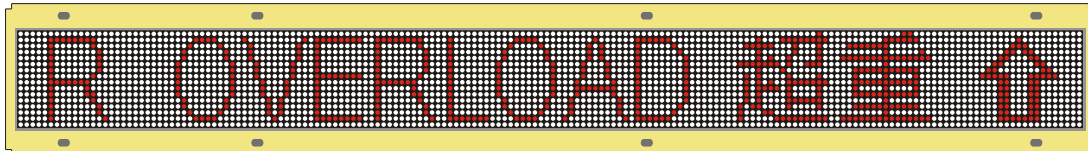
Product Preview

December, 2001

With active direction signal, moving up/down arrow is shown on the top region of display.



With one or more active alarm signals, the corresponding messages will show on the display by scrolling from right to left. The floor message will shown on the left. The direction indicator will shown on the right. For example, showing **OVERLOAD** message.



SPECIFICATION

LV-176.16-RM Series				
Interface	RS-485			
Physical Size (mm)	720 (W) X 100 (H) X60 (D)			
Display Area (mm)	704 (W) X 64 (H)			
Dot Size / Diameter (mm)	3			
Dot Pitch (mm)	4			
Number of LED Dots	176 columns X 16 rows			
Alphanumeric Character Height (Max.)	63 mm			
Chinese Character Height (Max.)	59 mm			
	Floor Message	Alarm Message	Short Name	
Number of Character Per Message	12 English Char. or 8 Chinese Char.	256 English Char. or 128 Chinese Char.	2 English Character	
Range of Trigger	T.1 ~ T.239	A.1 ~ A.10	Same as Floor Message	
	Min.	Typical	Max.	Tolerance
Supply Voltage , DC	13.3V		27V	10%
Normal Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				
Self-test Mode				
Peak Supply Current @12VDC				
Peak Supply Current @24VDC				



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Power Cable