



RackWatch

Quick Start Manual and Safety Information

V72



This manual contains information necessary to safely mount, install and start up the RW-V72 system manufactured by Valyr Australia. It provides important information regarding the use of said product and is intended for qualified personnel that is familiar with the local work safety regulations and general safety regulations for electronic security products.

Personnel intended to operate the RW-V72 must be familiar with the safety information and instructions provided in this manual before use.

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DESCRIBED PRODUCTS Name: RW-V72

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The English version is the original version of this manual. All other language versions are translations of the original version. Contents are subject to change and errors excepted.

Contents

1 Design.....	5
1.1 Intended use.....	5
1.2 Safety instructions.....	5
2 Terminations.....	6
3 Configuration.....	7
3.1 Operational Mode: Access Control Door.....	7
3.2 Operational Mode: Server Rack.....	14
3.3 Operational Mode: Access Control Door.....	20
4 Diagnostics.....	26
4.1 Diagnostics & Troubleshooting.....	26
5 Menu Structure.....	27
5.1 Access Control Door.....	27
5.2 Server Rack.....	28
5.3 Exit Door.....	29

Warning

Electrical voltage!

Inside the protective housing, hazardous voltages are present in the energized state. Electrical voltage can lead to serious injury or death.



The power supply equipment must meet all requirements specified in this manual and be certified to meet the relevant national safety standards.

Custom electrical installations must be carried out by qualified electricians.

Never try to operate the RW-V72 if obvious damage to the device or its protective enclosure is discernible.

1 Design

1.1 Intended use

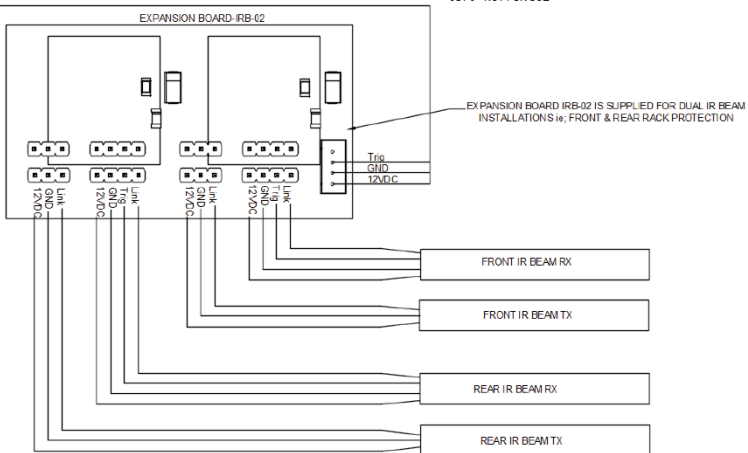
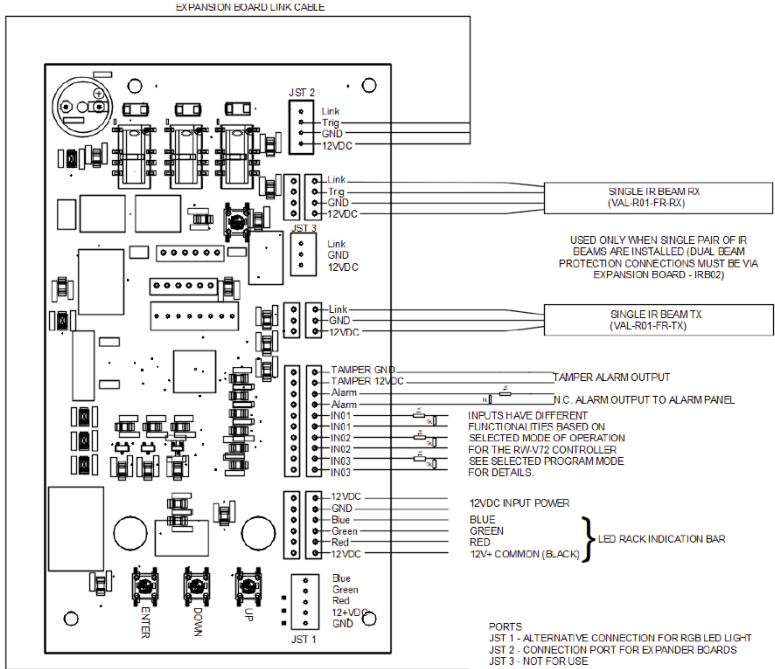
The RW-V72 is designed for continuous monitoring of linear defined openings to indicate unauthorized access into protected areas. This enables RW-V72 to provide both standalone visual and audible alarms and third-party systems integrations. This allows Configurable zones of interest in combination to monitor intrusion detection, pathway monitoring, and many more.

Valyr assumes no liability for damage and danger caused by unintended or incorrect use. Any use of the RW-V72 outside of the defined technical specifications and requirements described in this manual is considered unintended use.

1.2 Safety instructions

The user of the RW-V72 must comply with all local regulations for the operation of devices forming the RW-V72 system. Despite its high robustness compared to other intrusion technologies, the RW-V72 is a precise monitoring device and must be handled with care.

2 Terminations



3 Configuration

The RW-V72 has three distinct operational modes.

3.1 Operational Mode: Access Control Door

Functionality Overview.

Access Control Door Mode provides the following features and functionality:

When the RW-V72 is installed in Access Control Door Mode, the controller uses a door follower input provided from the access control system to mask the Light Curtains (LC) whilst the door is being accessed with a valid card the LED indicator will change from Blue (armed/ secure) to Green (masked).

The RW-V72 re-arms once the lock follower input is 'reset' and the reed input is sealed. The LED indicator will change from Green to Blue (armed/ secure).

The reed input provided also allows the RW-V72 to monitor the status of the door in comparison to a 'penetration' attempt through the door eg., via a cut hole in the door when the door is in the closed position.

Mask Operation.

In the event the access control door is required to remain open for an extended period of time (ie delivery of equipment etc through doorway), the RW-V72 can be masked via the access control system by activating Input 3 from an output on the access control system. The Light Curtains will remain masked for the duration of the allotted time selected in the access control system for the 'Mask' output programmed in the access control system for this function.

Additional Mask Function.

At the end of the access control systems' mask duration time the RW-V72 controller can provide additional masking if required.

In the controller a Mask Total Duration Time (1.8 – set in minutes) can be set to provide a maximum additional masking duration after the access control system chosen mask time has expired. This time is added to the access control systems' mask time by the controller, however the Light Curtains will re-arm if no activity is detected after the initial Mask Re-arm Delay (1.6) has expired.

Auto Re-arm.

The controller provides a 'no activity' Mask Re-arm Delay (1.6 - set in minutes) that will automatically begin the re-arm process if no activity is detected by the Light Curtains. If activity is detected, the controller resets the Mask Re-arm Delay to provide more additional mask time on the Light Curtains. This process can continue up to the Mask Total Duration Time described above but once this time is reached the RW-V72 will re-arm and return to normal functionality for the associated access control door.

System LED Indications

LED	Function
Blue	System Armed/ Secure
Green	Light Curtains Masked
Green Flashing	Mask Re-arm Delay Expiring
Blue Flashing	Mask Total Duration Time expiring
Red	System in Alarm

EN

- 0.0 To enter Program Mode press the 'ENTER' button on the right hand side of the LCD Display.

Section 1 – This section is where the operational changes to the system are made. Once these values are set, they rarely need to be changed.

- 1.1 Enter the 'Installer' PIN Code (default 100000) and press 'ENTER'.

- 1.2 Installation Type - Select the A/C Door mode using the 'DOWN' button and press 'ENTER'.

Menu #	Displayed Menu Name	Options
1.2	Installation Type	A/C Door
		Server Rack
		Exit Door

- 1.3 Alarm Output – Use the 'Down' button to select the desired option from the table below. (output to third party system for alarm notification and identification)

Menu #	Displayed Menu Name	Options
1.3	Alarm Output	Enable
		Disable

- 1.4 Change PIN - Change PIN from default (recommended)

Menu #	Displayed Menu Name	Options
1.4	Change Pin	Enter New Pin

- 1.5 Lock Follow Reset Time - 2 seconds (default). (recommences status monitoring after this delay)

Menu #	Displayed Menu Name	Options
1.5	Lock Follow Delay	Time in Seconds

- 1.6 Mask Auto Rearm Delay - 1 minute (default). (RW-V72 will auto rearm with no activity)

Menu #	Displayed Menu Name	Options
1.6	Mask/Isolate auto rearm delay	Time in Minutes

EN

- 1.7 Mask auto rearm notification duration - warning time prior to the above rearm event.

Menu #	Displayed Menu Name	Options
1.7	Mask/Isolate auto rearm notification duration	Time in Seconds

- 1.8 Mask Duration Time - 2 minute (default). (rearm time regardless of activity)

Menu #	Displayed Menu Name	Options
1.8	Door mask duration	Time in Minutes

- 1.9 Mask Rearm Warning Time - 20 seconds (default). (warning time prior to mask expiration)

Menu #	Displayed Menu Name	Options
1.9	Door mask warning	Time in Seconds

- 1.10 Front Tamper: Enabled/ Disabled (allows for the front tamper to be disabled when working on system - ensure enabled is selected when complete)

Menu #	Displayed Menu Name	Options
1.10	Tamper 1	Enable
		Disable

- 1.11 Rear Tamper: Enabled/ Disabled (allows for the rear tamper to be disabled when working on system - ensure enabled is selected when complete)

Menu #	Displayed Menu Name	Options
1.11	Tamper 2	Enable
		Disable

EN

Section 2 – This section displays the current statuses of the inputs.

- 2.1 Alarm Relay Status: Relay Off/ On. (displays the current status of 'ALARM OUTPUT RELAY')

Menu #	Displayed Menu Name	Options
2.1	Alarm Relay Status	On
		Off

- 2.2 Rack Status: On/Off (displays current status of the Rack)

Menu #	Displayed Menu Name	Options
2.2	Door Status	Armed
		Secure
		Masked
		Auto Rearming
		Mask Expiring
		Mask Follow

- 2.3 Tamper Output Status: On/Off (displays tamper output status - armed, disabled or alarmed)

2.3	Tamper Output Status	On
		Off

EN

Section 3 – This section is where the end of line resistor values are configured for the relevant inputs. This is done by saving the current status.

Example – how to set the reed secure value.

Enter menu 3.1

Put the reed switch into its “Secure” state. (1K ohms)

Press the down button to “Set” the secure state.

The screen will then show the same value for both the current and set entries.

- 3.1 Reed Input Secure Value - 1k - represents a secure reset input condition. Press ‘Down’ to set current status.

3.1	Reed Secure Value	1K ohms
		2k ohms

- 3.2 Reed Input Active Value - 2k - represents an active reset input condition. Press ‘Down’ to set current status.

3.2	Reed Active Value	1K ohms
		2k ohms

- 3.3 Lock Input Secure Value - 1k - represents a secure reset input condition. Press ‘Down’ to set current status.

3.3	Lock Secure Value	1K ohms
		2k ohms

- 3.4 Lock Input Active Value - 2k - represents an active reset input condition. Press ‘Down’ to set current status.

3.4	Lock Active Value	1K ohms
		2k ohms

EN

- 3.5 Mask Input Secure Value - 1k - represents a secure reset input condition. Press 'Down' to set current status.

3.5	Isolate Secure Value	1K ohms
		2k ohms

- 3.6 Mask Input Active Value - 2k - represents an active reset input condition. Press 'Down' to set current status.

3.6	Isolate Active Value	1K ohms
		2k ohms

3.2 Operational Mode: Server Rack

How to configure the RW-V72 in Server Rack mode.

Functionality Overview.

Server Rack Mode provides the following features and functionality:

When the RW-V72 is installed in Server Rack Mode, the controller uses a 'Reset' at input 1 provided from the access control/alarm system via a programmed output, to arm the Light Curtains (LC) and the LED indicator will change to Blue (armed/ secure). The Light Curtains may be masked for the purpose of performing work tasks on the Server Rack by the following method:

Mask Operation.

In the event the Server Rack is required to remain open for an extended period of time (ie repair/ replace equipment etc), the RW-V72 can be masked via the access control system by activating Input 3 from an output on the access control system. The Light Curtains will remain masked for the duration of the allotted time selected in the access control system for the 'Mask' output programmed in the access control/ alarm system for this function.

Additional Mask Function.

At the end of the access control/ alarm systems' mask duration time the RW-V72 controller can provide additional masking if required.

In the controller a Mask Total Duration Time (1.8 – set in minutes) can be set to provide a maximum additional masking duration after the access control system chosen mask time has expired. This time is added to the access control system mask time by the controller, however the Light Curtains will re-arm if no activity is detected after the initial Mask Re-arm Delay (1.6) has expired.

Auto Re-arm.

The controller provides a 'no activity' Mask Re-arm Delay (1.6 - set in minutes) that will automatically begin the re-arm process if no activity is detected by the Light Curtains. If activity is detected, the controller resets the Mask Re-arm Delay to provide more additional mask time on the Light Curtains. This process can continue up to the Mask Total Duration Time described above but once this time is reached the RW-V72 will re-arm and return to normal functionality for the associated Server Rack.

Alarm Activation

The RW-V72 will activate an alarm output 'dry contact' to provide an alarm input to the access control/ alarm system when the Light Curtain beams are activated. The LED will turn Red and a local sounder will be activated. To 'reset' an alarm condition de-activate then re-activate input 1 on the RW-V72 controller via the access control/ alarm system programmed output. The LED will change from Red (alarm) to Blue (armed/ secure).

System LED Indication

LED	Function
Blue	System Armed/ Secure
Green	Light Curtains Masked
Green Flashing	Mask Re-arm Delay Expiring
Blue Flashing	Mask Total Duration Time expiring
Red	System in Alarm

0.0 To enter Program Mode press the ‘ENTER’ button on the right hand side of the LCD Display.

Section 1 – This section is where the operational changes to the system are made. Once these values are set, they rarely need to be changed.

1.1 Enter the ‘Installer’ PIN Code (default 100000) and press ‘ENTER’.

1.2 Installation Type - Select the A/C Door mode using the ‘DOWN’ button and press ‘ENTER’.

Menu #	Displayed Menu Name	Options
1.2	Installation Type	A/C Door
		Server Rack
		Exit Door

1.3 Alarm Output – Use the ‘Down’ button to select the desired option from the table below. (output to third party system for alarm notification and identification)

Menu #	Displayed Menu Name	Options
1.3	Alarm Output	Enable
		Disable

1.4 Change PIN - Change PIN from default (recommended)

Menu #	Displayed Menu Name	Options
1.4	Change Pin	Enter New Pin

1.5 Lock Follow Reset Time - 2 seconds (default). (recommences status monitoring after this delay)

Menu #	Displayed Menu Name	Options
1.5	Reset Delay	Time in Seconds

1.6 Mask Auto Rearm Delay - 1 minute (default). (RW-V72 will auto rearm with no activity)

Menu #	Displayed Menu Name	Options
1.6	Mask/Isolate auto rearm delay	Time in Minutes

EN

- 1.7 Mask auto rearm notification duration - warning time prior to the above rearm event.

Menu #	Displayed Menu Name	Options
1.7	Mask/Isolate auto rearm notification duration	Time in Seconds

- 1.8 Mask Duration Time - 2 minute (default). (rearm time regardless of activity)

Menu #	Displayed Menu Name	Options
1.8	Rack mask duration	Time in Minutes

- 1.9 Mask Rearm Warning Time - 20 seconds (default). (warning time prior to mask expiration)

Menu #	Displayed Menu Name	Options
1.9	Rack mask warning	Time in Seconds

- 1.10 Front Tamper: Enabled/ Disabled (allows for the front tamper to be disabled when working on system - ensure enabled is selected when complete)

Menu #	Displayed Menu Name	Options
1.10	Tamper 1	Enable
		Disable

- 1.11 Rear Tamper: Enabled/ Disabled (allows for the rear tamper to be disabled when working on system - ensure enabled is selected when complete)

Menu #	Displayed Menu Name	Options
1.11	Tamper 2	Enable
		Disable

EN

Section 2 – This section displays the current statuses of the inputs.

- 2.1 Alarm Relay Status: Relay Off/ On. (displays current status of 'ALARM OUTPUT RELAY')

	Displayed Menu Name	Options
2.1	Alarm Relay Status	On
		Off

- 2.2 Rack Status: On/Off (displays current status of the Rack)

Menu #	Displayed Menu Name	Options
2.2	Rack Status	Armed
		Secure
		Masked
		Auto Rearming
		Mask Expiring
		Mask Follow

- 2.3 Tamper Output Status: On/Off (displays tamper output status - armed, disabled or alarmed)

2.3	Tamper Output Status	On
		Off

Section 3 – This section is where the end of line resistor values are configured for the relevant inputs. This is done by saving the current status.

Example – how to set the reed secure value.

Enter menu 3.1 Put the reed switch into its "Secure" state. (1K ohms)

Press the down button to "Set" the secure state.

The screen will then show the same value for both the current and set entries.

- 3.3 Reset Input Secure Value - 1k - represents a secure reset input condition. Press 'Down' to set current status.

3.3	Reset Secure Value	1K ohms
		2k ohms

EN

- 3.4 Reset Input Active Value - 2k - represents an active reset input condition. Press 'Down' to set current status.

3.4	Reset Active Value	1K ohms
		2k ohms

- 3.5 Mask Input Secure Value - 1k - represents a secure reset input condition. Press 'Down' to set current status.

3.5	Isolate Secure Value	1K ohms
		2k ohms

- 3.6 Mask Input Active Value - 2k - represents an active reset input condition. Press 'Down' to set current status.

3.6	Isolate Active Value	1K ohms
		2k ohms

3.3 Operational Mode: Access Control Door

How to configure the RW-V72 in Exit Door mode.

Functionality Overview.

Exit Door Mode provides the following features and functionality:

When the RW-V72 is installed in Exit Door Mode, the controller uses a 'Reset' at input 1 provided from the access control/alarm system via a programmed output, to arm the Light Curtains (LC) and the LED indicator will change to Blue (armed/ Secure). The Light Curtains may be masked for the purpose of performing work tasks on the Server Rack by the following method:

Mask Operation.

In the event the exit door is required to remain open for an extended period of time (ie delivery of equipment etc through doorway), the RW-V72 can be masked via the access control system by activating Input 3 from an output on the access control system. The Light Curtains will remain masked for the duration of the allotted time selected in the access control system for the 'Mask' output programmed in the access control system for this function.

Additional Mask Function.

At the end of the access control systems' mask duration time the RW-V72 controller can provide additional masking if required.

In the controller a Mask Total Duration Time (1.8 – set in minutes) can be set to provide a maximum additional masking duration after the access control system chosen mask time has expired. This time is added to the access control system mask time by the controller, however the Light Curtains will re-arm if no activity is detected after the initial Mask Re-arm Delay (1.6) has expired.

Auto Re-arm.

The controller provides a 'no activity' Mask Re-arm Delay (1.6 - set in minutes) that will automatically begin the re-arm process if no activity is detected by the Light Curtains. If activity is detected, the controller resets the Mask Re-arm Delay to provide more additional mask time on the Light Curtains. This process can continue up to the Mask Total Duration Time described above but once this time is reached the RW-V72 will re-arm and return to normal functionality for the associated exit door.

Alarm Activation

The RW-V72 will activate an alarm output 'dry contact' to provide an alarm input to the access control/ alarm system when the Light Curtain beams are activated. The LED will turn Red and a local sounder will be activated. To 'reset' an alarm condition de-activate then re-activate input 1 on the RW-V72 controller via the access control/ alarm system programmed output. The LED will change from Red (alarm) to Blue (armed/ secure).

System LED Indication

LED	Function
Blue	System Armed/
Green	Light Curtains Masked
Green Flashing	Mask Re-arm Delay Expiring
Blue Flashing	Mask Total Duration Time expiring
Red	System in Alarm

EN

0.0 To enter Program Mode press the 'ENTER' button on the right hand side of the LCD Display.

Section 1 – This section is where the operational changes to the system are made. Once these values are set, they rarely need to be changed.

1.1 Enter the 'Installer' PIN Code (default 100000) and press 'ENTER'.

1.2 Installation Type - Select the A/C Door mode using the 'DOWN' button and press 'ENTER'.

Menu #	Displayed Menu Name	Options
1.2	Installation Type	A/C Door
		Server Rack
		Exit Door

1.3 Alarm Output – Use the 'Down' button to select the desired option from the table below. (output to third party system for alarm notification and identification)

Menu #	Displayed Menu Name	Options
1.3	Alarm Output	Enable
		Disable

1.4 Change PIN - Change PIN from default (recommended)

Menu #	Displayed Menu Name	Options
1.4	Change Pin	Enter New Pin

1.5 Lock Follow Reset Time - 2 seconds (default). (recommences status monitoring after this delay)

Menu #	Displayed Menu Name	Options
1.5	Reset Delay	Time in Seconds

1.6 Mask Auto Rearm Delay - 1 minute (default). (RW-V72 will auto rearm with no activity)

Menu #	Displayed Menu Name	Options
1.6	Mask/Isolate auto rearm delay	Time in Minutes

EN

- 1.7 Mask auto rearm notification duration - warning time prior to the above rearm event.

Menu #	Displayed Menu Name	Options
1.7	Mask/Isolate auto rearm notification duration	Time in Seconds

- 1.8 Mask Duration Time - 2 minute (default). (rearm time regardless of activity)

Menu #	Displayed Menu Name	Options
1.8	Door mask duration	Time in Minutes

- 1.9 Mask Rearm Warning Time - 20 seconds (default). (warning time prior to mask expiration)

Menu #	Displayed Menu Name	Options
1.9	Door mask warning	Time in Seconds

- 1.10 Front Tamper: Enabled/ Disabled (allows for the front tamper to be disabled when working on system - ensure enabled is selected when complete)

Menu #	Displayed Menu Name	Options
1.10	Tamper 1	Enable
		Disable

- 1.11 Rear Tamper: Enabled/ Disabled (allows for the rear tamper to be disabled when working on system - ensure enabled is selected when complete)

Menu #	Displayed Menu Name	Options
1.11	Tamper 2	Enable
		Disable

EN

Section 2 – This section displays the current statuses of the inputs.

- 2.1 Alarm Relay Status: Relay Off/ On. (displays current status of 'ALARM OUTPUT RELAY')

Menu #	Displayed Menu Name	Options
2.1	Alarm Relay Status	On
		Off

- 2.2 Rack Status: On/Off (displays current status of the Rack)

Menu #	Displayed Menu Name	Options
2.2	Door Status	Armed
		Secure
		Masked
		Auto Rearming
		Mask Expiring
		Mask Follow

- 2.3 Tamper Output Status: On/Off (displays tamper output status - armed, disabled or alarmed)

2.3	Tamper Output Status	On
		Off

Section 3 – This section is where the end of line resistor values are configured for the relevant inputs. This is done by saving the current status.

Example – how to set the reed secure value.

Enter menu 3.1 - Put the reed switch into its "Secure" state. (1K ohms)

Press the down button to "Set" the secure state.

The screen will then show the same value for both the current and set entries.

- 3.1 Reed Input Secure Value - 1k - represents a secure reset input condition. Press 'Down' to set current status.

3.1	Reed Secure Value	1K ohms
		2k ohms

EN

- 3.2 Reed Input Active Value - 2k - represents an active reset input condition. Press 'Down' to set current status.

3.2	Reed Active Value	1K ohms
		2k ohms

- 3.3 Reset Input Secure Value - 1k - represents a secure reset input condition. Press 'Down' to set current status.

3.3	Reset Secure Value	1K ohms
		2k ohms

- 3.4 Reset Input Active Value - 2k - represents an active reset input condition. Press 'Down' to set current status.

3.4	Reset Active Value	1K ohms
		2k ohms

- 3.5 Mask Input Secure Value - 1k - represents a secure reset input condition. Press 'Down' to set current status.

3.5	Isolate Secure Value	1K ohms
		2k ohms

- 3.6 Mask Input Active Value - 2k - represents an active reset input condition. Press 'Down' to set current status.

3.6	Isolate Active Value	1K ohms
		2k ohms

4 Diagnostics

4.1 Diagnostics & Troubleshooting

Section 4 – This section displays the value of all current variables

Letter	Value	Function
A-	0	Alarm Output Disabled
	1	Alarm Output Enabled

B-	0	Alarm Output Off
	1	Alarm Output On

C-	0	Lock Follow Secure
	1	Lock Follow Active

D-	0	Unused
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E-	0	Unused
----	---	--------

F-	0	Door In Alarm
	1	Door Secure
	2	Door Masked by Mask/Isolat Inp
	3	Door Auto Rearming
	4	Door Mask Expiring
	5	Door Masked by Lock Follow

G-	0	LED Red
	1	LED Blue
	2	LED Green

H-	0	Reed Secure
	1	Reed Active
	2	Reed Short Circuit
	3	Reed Open Circuit
	4	Reed Status Unidentified

I-	0	Mask/Isolate Secure
	1	Mask/Isolate Active
	2	Mask/Isolate Short Circuit
	3	Mask/Isolate Open Circuit
	4	Mask/Isolate Status Unidentified

Letter	Value	Function
J-	0	Tamper Front Secure
	1	Tamper Front Active
	2	Tamper Front Status Unidentified

K-	0	Tamper Rear Secure
	1	Tamper Rear Active
	2	Tamper Rear Status Unidentified

L-	0	Light Curtain Secure
	1	Light Curtain Active

M-	0	Tamper Front Disabled
	1	Tamper Front Enabled

N-	0	Tamper Rear Disabled
	1	Tamper Rear Enabled

O-	###	Unused
----	-----	--------

P-	###	Reed Secure Value
----	-----	-------------------

Q-	###	Reed Unsecure Value
----	-----	---------------------

R-	###	Lock Follow Secure Value
----	-----	--------------------------

S-	###	Lock Follow Unsecure Value
----	-----	----------------------------

T-	###	Mask/Isolate Secure Value
----	-----	---------------------------

U-	###	Mask/Isolate Unsecure Value
----	-----	-----------------------------

5 Menu Structure

5.1 Access Control Door

Menu #	Displayed Menu Name	Options
0	Main Menu	
1.1	Enter PIN	
1.2	Installation Type	A/C Door Server Rack Exit Door
1.3	Alarm Output	Enable Disable
1.4	Change Pin	Enter New Pin
1.5	Lock Follow Delay/Reset for server rack option	Time in Sec
1.6	Mask/Isolate auto rearm delay	Time in Minutes
1.7	Mask/Isolate auto rearm notification duration	Time in Seconds
1.8	Door mask duration	Time in Minutes
1.9	Door mask warning	Time in Seconds
1.10	Tamper 1	Enable Disable
1.11	Tamper 2	Enable Disable
2.1	Alarm Relay Status	On Off
2.2	{A/C} - {Server Rack} - {exit Door} Door Status	Armed Secure Masked Auto Rearming Mask Expiring Mask Follow
2.3	Tamper Output Status	On Off
3.1	Reed Secure Value	1K ohms 2k ohms
3.2	Reed Active Value	1K ohms 2k ohms
3.3	Lock Secure Value	1K ohms 2k ohms
3.4	Lock Active Value	1K ohms 2k ohms
3.5	Isolate Secure Value	1K ohms 2k ohms
3.6	Isolate Active Value	1K ohms 2k ohms
4.1	Diagnostics	

5.2 Server Rack

Menu #	Displayed Menu Name	Options
0	Main Menu	
1.1	Enter PIN	
1.2	Installation Type	A/C Door
		Server Rack
		Exit Door
1.3	Alarm Output	Enable
		Disable
1.4	Change Pin	Enter New Pin
1.5	Lock Follow Delay/Reset for server rack option	Time in Sec
1.6	Mask/Isolate auto rearm delay	Time in Minutes
1.7	Mask/Isolate auto rearm notification duration	Time in Seconds
1.8	Door mask duration	Time in Minutes
1.9	Door mask warning	Time in Seconds
1.10	Tamper 1	Enable
		Disable
1.11	Tamper 2	Enable
		Disable
2.1	Alarm Relay Status	On
		Off
2.2	{A/C} - {Server Rack} - {exit Door} Door Status	Armed
		Secure
		Masked
		Auto Rearming
		Mask Expiring
		Mask Follow
2.3	Tamper Output Status	On
		Off
3.3	Reset Secure Value	1K ohms
		2k ohms
3.4	Reset Active Value	1K ohms
		2k ohms
3.5	Isolate Secure Value	1K ohms
		2k ohms
3.6	Isolate Active Value	1K ohms
		2k ohms
4.1	Diagnostics	

5.3 Exit Door

Menu #	Displayed Menu Name	Options
0	Main Menu	
1.1	Enter PIN	
1.2	Installation Type	A/C Door Server Rack Exit Door
1.3	Alarm Output	Enable Disable
1.4	Change Pin	Enter New Pin
1.5	Lock Follow Delay/Reset for server rack option	Time in Sec
1.6	Mask/Isolate auto rearm delay	Time in Minutes
1.7	Mask/Isolate auto rearm notification duration	Time in Seconds
1.8	Door mask duration	Time in Minutes
1.9	Door mask warning	Time in Seconds
1.10	Tamper 1	Enable Disable
1.11	Tamper 2	Enable Disable
2.1	Alarm Relay Status	On Off
2.2	{A/C} - {Server Rack} - {exit Door} Door Status	Armed Secure Masked Auto Rearming Mask Expiring Mask Follow
2.3	Tamper Output Status	On Off
3.1	Reed Secure Value	1K ohms 2k ohms
3.2	Reed Active Value	1K ohms 2k ohms
3.3	Reset Secure Value	1K ohms 2k ohms
3.4	Reset Active Value	1K ohms 2k ohms
3.5	Isolate Secure Value	1K ohms 2k ohms
3.6	Isolate Active Value	1K ohms 2k ohms
4.1	Diagnostics	