

## Adding Crown Solar Zone Controller device To Security Management System

- 1. Power ON the Crown Solar Zone Controller device. Note the IP address of the device displayed on the LED.
- 2. In the Security Management System server software, navigate to the 'Security Devices -> Devices' page.

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Channel groups	Sr	Device Name	Device Description	Device Type	Device Interface Ty	
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eports and Export						
Communication						
Security devices						
Devices						
keyboards and Joysticks						
Users and Privileges						
Alarm management						
Data management						
Tasks						
Failover recording						
Server computer settings						
Video panorama						
User interface settings						

3. Click on the 'Add device' button.

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Add Security Device	
Device name: Device description: Device type:	SD_ Sec001   Sec001 description   Zone controller
Interface type: IP address: Port number: User name: Password:	Crown Solar Device

- 4. Select 'Device type' as 'Zone controller'. Select 'Interface type' as 'Crown Solar Device' Specify the device IP address, as shown in the device LED display. Port number usually is 80. But it may change depending on the device configuration. Please check with the Crown Solar device vendor to confirm the port number. Username and password both are usually blank (no username and no password). But it may change depending on the device configuration. Please check with the Crown Solar device vendor to confirm the username and the password.
- 5. Click on the 'Add' button to add the device to Security Management System server software.
- 6. If the device is accessible and there is no problem in communication, the device will get added to the list of devices.

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192.168.0.52	Security de	evices 🗆 Devices				
Video devices	- +					
Channel groups	Sr	Device Name	Device Description	Device Type	Device Interface Tv	Ť.
Status		SD_Sec001	Sec001 description	Zone controller	Crown Solar Device	D
Reports and Export						
Communication						
Security devices						
Devices						
Keyboards and Joysticks						
Users and Privileges						
Alarm management						
Data management						
Failover recording						
Server computer settings						
Video panorama						
User interface settings						
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7. Select the added device and click on the 'Details' button

192.168.0.52	Security devices 🗆 Devices 🗆 SD_Sec001	
Site_78E4000CF131	Device Name: SD_Sec001	
Video devices	Device Name: 35_322051	
Channel groups	Device Description: Securit description	
Status	Device Type: Zone controller	
Reports and Export	Device Interface Type: Crown Solar Device	
Communication	Device Parameters:	Primary video channel
Security devices	- IP address: 192.168.1.26	Video Channel
Devices	- Port number: 80	
SD_Sec001	- User name:	Secondary:
Keyboards and Joysticks		
Users and Privileges		
Alarm management	Device Alarm Settings:	
Data management	Sr Input Alarm state	
Tasks	1 btn0 Do not use	
Failover recording	3 btn2 Do not use	
Server computer settings	4 btn3 Do not use	
Video panorama	6 btn5 Do not use	
User interface settings		

8. Click on the 'Edit' button to enable the device configuration user interface on this page.

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- 9. Select 'Primary video channel' and 'Secondary video channel' associated with the video. This is optional step. It is possible to specify only primary video channel or only secondary video channel or both or none.
- 10. In the 'Device Alarm Settings' list, select a row indicating the input signal we want to capture in Security Management System server software.
- 11. On that row, click on the 'Alarm state' cell. It will start showing the drop down selection list for that alarm input. Select the state which indicates alarm from the device. Whenever state of the input signal is detected as this state, alarm will be generated in the Security Management System.

192.168.0.52	Security devices 🗆 Devic	ces 🗆 SD_Sec001			
Site_78E4000CF131	Device Name: SD	SecO01			
Video devices	– Device Description	· Section			
Channel groups	Device Description				
Status	Device Type: Zone	controller			
Reports and Export	Device Interface Ty	ype: Crown Solar Device			
Communication	Device Parameters	51	Primary video channel		
Security devices	- IP address:	192.168.1.26			
Devices	- Port numbe	er: 80	Primary: <select></select>	<selects< td=""></selects<>	
SD_Sec001	- User name:			<select></select>	
Keyboards and Joysticks			Secondary.		
Users and Privileges					
Alarm management	Device Alarm Settir	ngs:		N 10 10 10 10 10 10 10 10 10 10 10 10 10	
Data management	Sr Input	Alarm state			
Tasks	1 btn0	Do not use			
	12 0001	Do not use			
Failover recording	3 btn2	Do not use			
Failover recording Server computer settings	3 btn2 4 btn3	Do not use dn			
Failover recording Server computer settings Video panorama	3 btn2 4 btn3 5 btn4 6 btn5	Do not use dn 👻 Do not use			

- 12. It is possible to configure more than 1 alarm inputs. Security Management System will monitor all the configured alarms.
- 13. Click on the 'Save' button to save the settings.
- 14. Navigate to the 'Alarm management -> Alarm handling' page.





- 15. Select device name as 'Crown Solar Alarm btnX' where X is the number between 0 to 5. There are 6 alarms captured for 'Crown Solar' device each one corresponding to the input signal. Please note that the input signals should be configured as described in step 11, to start capturing the alarms. Alarm handling only configures the actions after the alarm is captured. If alarm capturing is not enabled, alarm handling configuration will not be in effect.
- 16. Click on the 'Edit' button to enable the alarm handling user interface for the selected type of alarm. All alarm handling configurations are valid for Crown Solar Zone Controller device alarms, like other alarms, eg move camera to preset position'.
- 17. Configure alarm handling for all alarms captured from the Crown Solar Zone Controller device.
- 18. Click on the 'Save' button to save the alarm handling configuration.
- 19. Now whenever alarm is detected on the corresponding input signal of the Crown Solar device, it will be captures in the Security Management System and will be handled as per the alarm handling configuration done.

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