

Title:	How to Add Detector to the Control Panel	Version:	v1.0	Date:	11/7/2018
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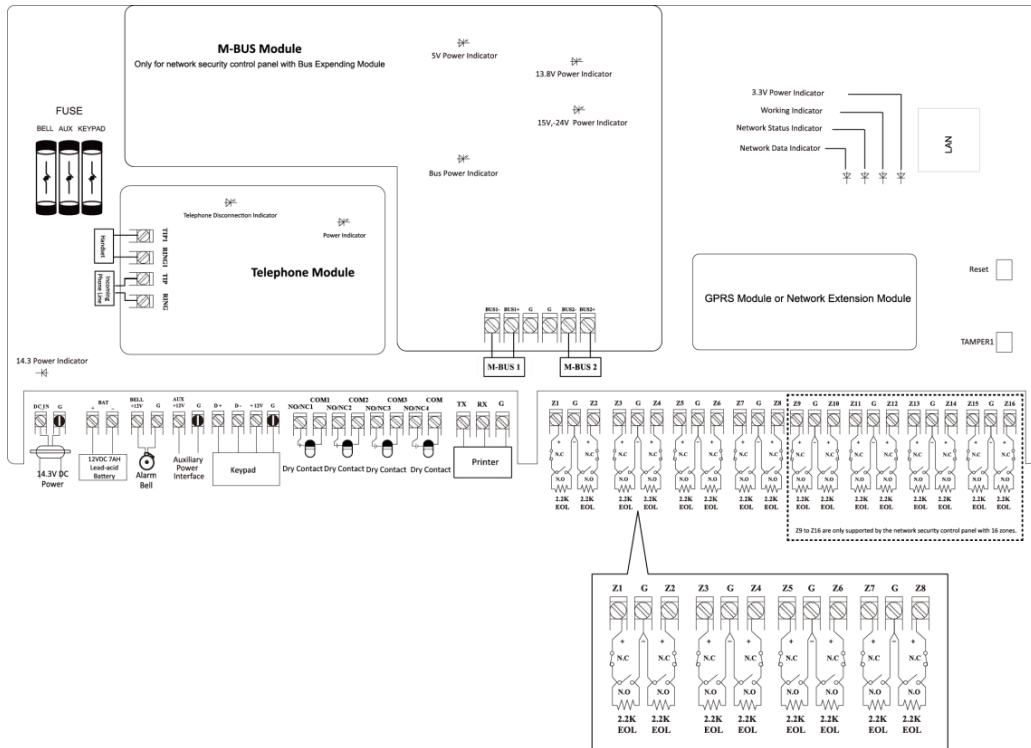
Preparation

1. DS-PD1-EB Panic button
2. DS-19A series Network Security Control Panel or MBUS Security Control Panel

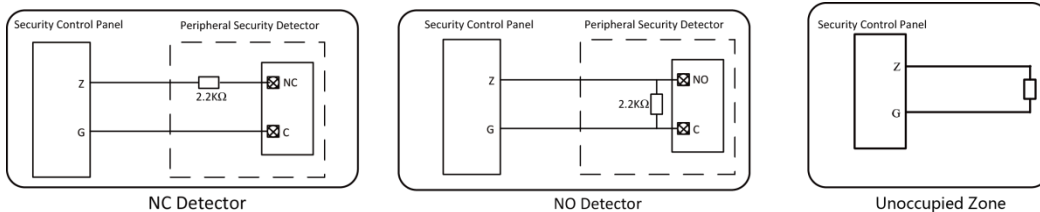
How to Add Detector to the Control Panel

1. Connect detector to the Control Panel

1) The alarm input interfaces of the control panel are show as follows:

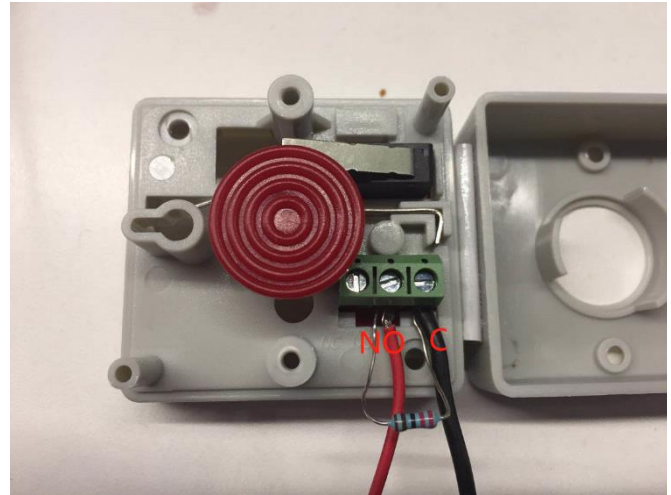
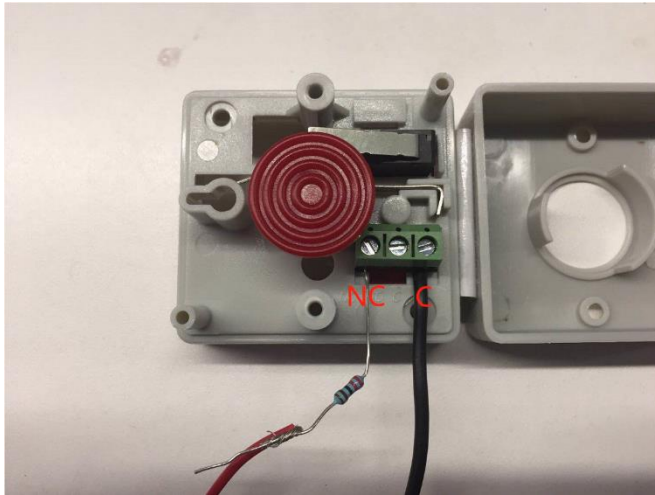


2) The wiring of sensor is shown as follows:

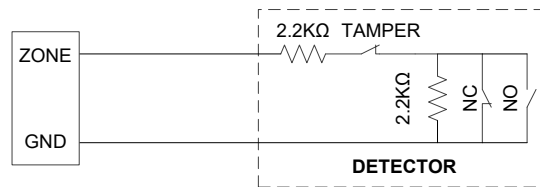


The actual wiring is shown as follows:

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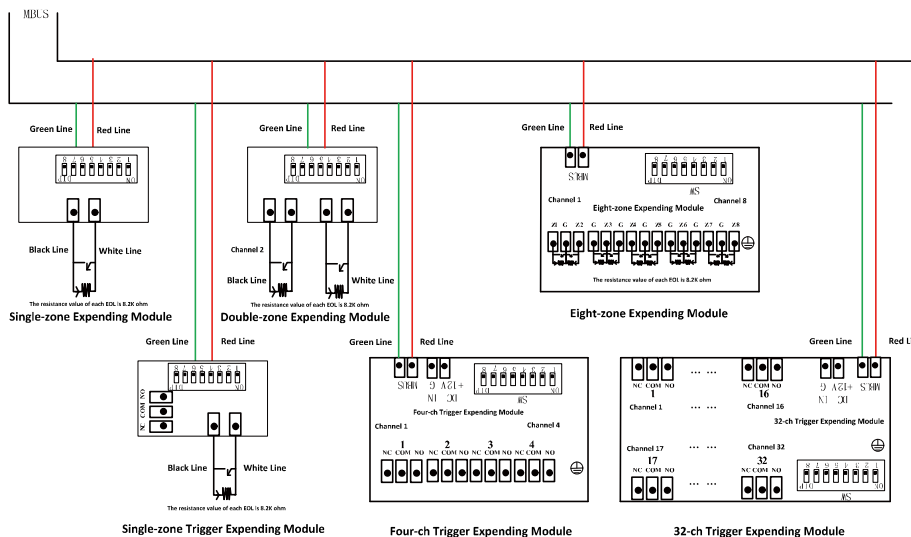
3) The Tamper-proof wiring is shown below.



The resistance of 2.2K Ω , 3.3K Ω , 5.6K Ω , and 8.2K Ω are all supported for the control panel. Only 2.2K Ω resistance can be used for tamper-proof. For being compatible with the EOL, you should configure the EOL resistance value of the corresponded zone.

MBUS expander module only support resistance of 8.2 K Ω ,So MBUS Security Control Panel can't support Tamper-proof wiring on MBUS expander module.

4) The MBUS Expander wiring is shown below.



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2. Check the statuses of zone

Open iVMS-4200 to check the statuses of zone or see zone status by Keypad.

- 1) Successful statuses of connection is shown below.
Fault Statuses is **Normal**, means connect successful.

Remote Configuration - Managing Zone

Zone No.	Name	Partition	Status of Alarm	Status of Guard	Status of Bypass	Fault Status	Zone Alarm M...	Zone Ta...
<input checked="" type="checkbox"/>	1	Zone 1	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	2	Zone 2	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	3	Zone 3	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	4	Zone 4	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	5	Zone 5	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	6	Zone 6	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	7	Zone 7	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	8	Zone 8	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	9	Zone 9	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	10	Zone 10	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	11	Zone 11	2	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	12	Zone 12	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	13	Zone 13	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	14	Zone 14	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	15	Zone 15	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	16	Zone 16	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	17	Zone 17	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	18	Zone 18	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	19	Zone 19	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	20	Zone 20	None	Normal	Disarm	Bypass Recov...	Normal	Normal

If Fault Statuses is **Fault**, need to judge fault reason: wiring failure, or some guy trigger the detector.

Remote Configuration - Managing Zone

Zone No.	Name	Partition	Status of Alarm	Status of Guard	Status of Bypass	Fault Status	Zone Alarm M...	Zone Ta...
<input checked="" type="checkbox"/>	1	Zone 1	1	Normal	Disarm	Bypass Recov...	Fault	Normal
<input type="checkbox"/>	2	Zone 2	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	3	Zone 3	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	4	Zone 4	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	5	Zone 5	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	6	Zone 6	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	7	Zone 7	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	8	Zone 8	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	9	Zone 9	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	10	Zone 10	1	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	11	Zone 11	2	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	12	Zone 12	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	13	Zone 13	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	14	Zone 14	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	15	Zone 15	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	16	Zone 16	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	17	Zone 17	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	18	Zone 18	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	19	Zone 19	None	Normal	Disarm	Bypass Recov...	Normal	Normal
<input type="checkbox"/>	20	Zone 20	None	Normal	Disarm	Bypass Recov...	Normal	Normal



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