

Emergency Control

Emergency lighting control is one of the important parts among the lighting solution. Emergency lighting ensures that lighting is provided rapidly, automatically, and for a suitable length of time if the main power supply is cut, and normal electrical illumination fails. In the event of a building fire, power outage or other emergency situation, facilities of all kinds require emergency lighting to ensure occupants are able to exit the building promptly and safely. So, it is important to have user's emergency lights maintained and in working order as they need to be ready and operational in case of an emergency.

Koolmesh system also is compatible with the standard Dali emergency driver in the mainstream market, but the Koolmesh- enabled translator module is needed to transfer the Dail signal to Bluetooth signal. Which means, users can use Koolmesh app to control their standard Dail emergency and do some basic configuration.

In Koolmesh app there are three sections for the emergency setting which allow user to schedule all the annual and monthly fault diagnosis, they are Emergency control devices and Dali emergency control devices and Emergency schedule settings.

Hybrid Emergency Control Devices

In this section, there are four modes which allow users to switch the status of the emergency device and start the monthly test (functionality test) and annual test (duration test) for all the emergency devices on the network level.

Koolmesh app also lists out all the emergency devices by zone in this network which enable users to check the emergency logs and status and current status individually. Users also can schedule the self-test according to the application.

15:54	ul S 🔳
K Back Emergency co	ntrol devices 🛛 💝
All emergency control devic	es
Resume to normal mode	Enter inhibit mode
Start monthly test (functionality test)	Start annual test (duration test)
▼Koolmesh (1)	
Office 2 (HBEM01)	>
■Meeting room (1)	
Meeting room1 (HBEN	/02) >

• Resume to normal mode:

When the luminaries are in emergency mode, then user can use this function to manually switch the emergency mode to the normal mode.

• Enter inhibit mode:

Activated inhibit mode makes it possible to set the emergency mode to "inhibited"; in this mode, the power can be turned off without switching to emergency mode. Normally it is for maintenance purposes, if the maintenance and inspection is needed on site, users can use this function to prevent the luminaries from switching to emergency mode. Users can use this function to activate it manually by selecting how long they would like to stay in inhibit mode, the longest time being 180H 59min.

• Start monthly test (functionality test):

This button enables the emergency battery to start the monthly test. When the maintenance team on site they can use this function to start the test to check the health of battery. But user still need to select the start time and the time for battery discharge, the longest time for battery discharge is 1H 59min.

Figure 1.1 Emergency control devices



• Start annual test (duration test):

This button enables the emergency battery to start the annual test. When the maintenance team on site they can use this function to start the annual test. But user still need to select the start time and end time, users can start the test immediately or until fully charged. The longest time is 45H 59min for Emergency duration time. Please choose a suitable duration period according to the battery's capacitance. If the duration time is set too long, the system may judge battery capacity fail due to that the battery fails to last for the pre-set period.

User can click the devices would like to set in the emergency list, like Meeting room (HBEM02), (see figure 1.5). Koolmesh app will list out all the detail information about this emergency device.

1. Emergency logs which enable user to check all the logs of this emergency device, including the result of monthly test and annual test, also the emergency fault. Denable user to make a remark and signature.

※ Click 😰 to make the remark, then the remark will be presented together with account and time right below the record, (see figure 1.2). After finished the remark, the grey icon ☑ will become balck 🗐

All those record and remark also will be presented in the Emergency report, user can review all these via login the web platform.

15:11 .ul 🗢 🛙	D 15:11		I 🗢 🔳	15:12	.ıl ≎ ■)
Kerrigency logs (Meeting room1 (HBEM02))	V C Back	Emergency logs (Meeting room1 (HBEM02))	\otimes	< Back	Emergency logs (Meeting room1 (HBEM02))
All Emergency control Fault record Self-Te Record		Emergency control Fault record	Self-Test Record	All	Emergency control Fault record Self-Test Record
▼2022-11 (21)	₹2022-11	(1)		₹2022-11	(1)
OK 11-21 15:06:20		s open circuit/Emergency driver 15:00:23 ~ 11-21 15:06:20	error		open circuit/Emergency driver error 🗄
O Normal mode 11-21 15:06:20				Account: Ma Time: 2022-	irvel 11-21 15:11:58
Functionality test (Monthly test) (Test button) 11-21 15:03:00	Ē	oads open circuit/Emergeno driver error	⊑y	Safeguard: C	
Account: Marvel Time: 2022-11-21 15:11:20		Safeguard		Rectification	: Okay
Remark: Ok		Rectification			11-21 15:12:47
Loads open circuit/Emergency driver error 11-21 15:00:23		Cancel		Confirm: Ok]
O Normal mode 11-21 15:00:23					
Duration test (Annual test) (Manual) 11-21 14:36:39					
OK 11-19 03:00:20					
O Normal mode 11-19 03:00:20	Ż				

Figure 1.2 Emergency logs

Figure 1.3 Fault record

Figure 1.4 Fault record confirmation

※ Click 😰 to make the remark, then the remark will be presented together with account and time right below fault record. (see figure 1.4)

For the Fault record, there are safeguard, rectification and confirm available for different responsible person, the "confirm" will only be available when the action and signature make by "safeguard" and "rectification" (see figure 1.3)

All those record and remark also will be prsented in the Emergency report, user can reveiw all these via login the web platform.



- 2. Extended emergency time which means when main power is present but was recently off, so the lamp continues to be operated in the same way as in emergency mode for a period of time, or until the battery is discharged. The longest time can be 12H 59min. It is useful to extend the emergency time when the main power is resumed after suffering from a power failure. It can prevent sudden power failure happening again due to an unstable period which could cause the luminaries flickering.
- 3. Self-test settings which are to check the battery level conditions. Koolmesh suggests users to choose "until fully charged" for the most accurate evaluation. Users also can set the start time and end time of the self-test. The longest time for emergency duration is 15H. When users set the emergency duration time, please choose a suitable duration period according to the battery's capacitance. If the duration time is set too long, the system may judge battery capacity to fail due to that battery failing to last for the preset period.
- 4. Self-test scheduling which Koolmesh app will list out the schedule by month, user can set every month according to real application for "Do not test", "Functionality (Monthly test)" and "Duration test (Annual test)" (see figure 1.6) Different function has different color, like "Do not test" is grey; "Functionality (Monthly test)" is orange; "Duration test (Annual test)" is red. If user would like the first month do not test, then user can click "1" and then click "Do not test", then the first month will turn to grey color and will not do the test. User can select a certain date and hours to self-test, like date 16th 17:30.

15:25	.ul 🗢 🗩	15:08	ull 🗢 🔲
Kerregency control: room1 (HBEM			ontrol:Meeting (HBEM02)
Emergency logs	>	Self-test settings	
Device status	ОК	_ 3	i.0 h +
Current status	Normal mode	Self-test scheduling	
	Normal mode	Month settings	
Extended emergency time i	10 s >	1 2 3	4 5 6
Manual operations			
Resume to normal mode E	nter inhibit mode	7 8 9	10 11 12
	Start annual test duration test)	Do not test (Month	nality test Duration test ly test) (Annual test)
(rancionality cost)		Date settings	
Self-test settings		1-4	
Start time i		15	16 29
Start duration test (Annual test) immediately	Intil fully charged	16	17 : 30
End time <i>i</i>		17	18 31
Until the are get time	MAR	s	ave
Un	til fullv discharged		

- Figure 1.5 Self-test settings
- Figure 1.6 Self-test settings

× During the monthly and annual test, if there is any emergency fault found, the system will send the emergency fault notification immediately. Users can check the details by refreshing "Emergency logs" or email (set the auto-notification in the web platform in advance).

× After finished all the test, users can check the result via refresh "Emergency logs". Or users can check the report by Koolmesh web platform (www.iot.koolmesh.com, same account and password with Koolemsh app). System also will send the report to the registered email address where are users already set the auto-notification in the web platform in advance.



Dali Emergency Control Devices

In this section, there are four modes which allow users to switch the status of the emergency device and start the monthly test (functionality test) and annual test (duration test) for all the DALI emergency devices on the network level.

Koolmesh also lists out all the DALI emergency devices by zone in this network which enable users to check the DALI emergency logs and device status and current status individually. Users also can schedule the self-test according to the application. And click the devices would like to set in the emergency list, like Office 1 (HBEM8200-F).



• Resume to normal mode:

This button enables users to switch the inhibit mode or terminate the monthly test and annual test to normal mode, but if the emergency device is in the emergency mode, then users can not use this button to end the emergency mode.

• Enter inhibit mode:

Activated inhibit mode makes it possible to set the emergency mode to "inhibited"; in this mode, the power can be turned off without switching to emergency mode. Normally it is for maintenance purposes, if the maintenance and inspection is needed on site, users can use this function to prevent the luminaries from switching to emergency mode. Users can use this function to activate it immediately. The time for inhibit mode depends on third-party driver.

• Start monthly test (functionality test):

A quick test, usually between a few seconds and 1 min that simulates a mains failure and checks the operation of the emergency light source from the battery supply. This button enables the emergency battery switch to the monthly test immediately.

Figure 2.1 Emergency control devices

• Start annual test (duration test):

A longer test for the rated duration, usually 1h to 3h. This duration test simulates a mains failure and checks that the battery will be able to operate the lamp for the full rated duration.

The test fails if the battery discharges before the rated duration has been reached. The battery is required to be fully charged before a duration test can be started. This button enables the emergency battery switch to the annual test immediately (but only start immediately after full charge).



User can click the devices would like to set in the DALI emergency list, like Office 1(HBEM08200-F), (see figure 2.2). Koolmesh app will list out all the detail information about this DALI emergency device.

1. Emergency logs which enable user to check all the logs of this emergency device, including the result of monthly test and annual test, also the emergency fault. 🖸 enable user to make a remark and signature.

 \times Click \square to make the remark, then the remark will be presented together with account and time right below the record, (see figure 2.3). After finished the remark, the grey icon \square will become balck \blacksquare

All those record and remark also will be presented in the Emergency report, user can review all these via login the web platform.

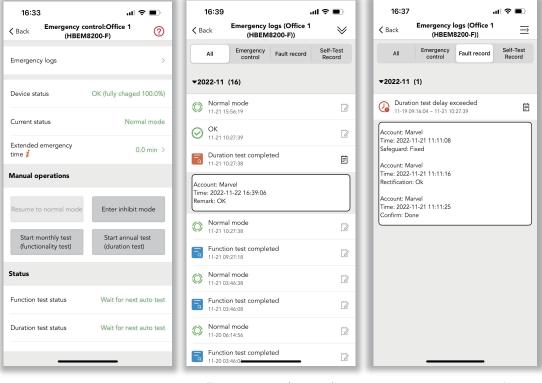


Figure 2.2 DALI Emergency device

Figure 2.3 Fault record

Figure 2.4 Fault record confirmation

 \times Click \square to make the remark, then the remark will be presented together with account and time right below fault record. (see figure 2.4)

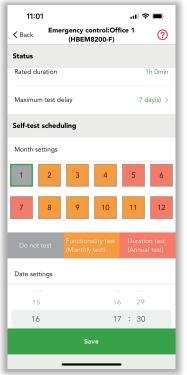
For the fault record, there are safeguard, rectification and confirm available for different responsible person, the "confirm" will only be available when the action and signature make by "safeguard" and "rectification".

All those record and remark also will be prsented in the Emergency report, user can reveiw all these via login the web platform.



- 2. Extended emergency time which means main power is present but was recently off, so the lamp continues to be operated in the same way as in emergency mode for a period of time, or until the battery is discharged. The longest time can be 2H 59.5min. It is useful to extend the emergency time when the main power is resumed after suffering from a power failure. It can prevent sudden power failure happening again due to an unstable period which could cause the luminaries flickering.
- 3. Rated duration which user can change the time on the driver side, normally is 1H to 3H, please choose a suitable duration period according to the battery's capacitance.
- 4. Maximum test delay which means if the system failed to start the test when it is come to test, then it can be delay for a certain time to continue the test, the max days could be delayed is 255 days.
- 5. Self-test scheduling which Koolmesh app will list out the schedule by month, user can set every month according to real application for "Do not test", "Functionality (Monthly test)" and "Duration test (Annual test)" (see figure 2.5) Different function has different color, like "Do not test" is grey; "Functionality (Monthly test)" is orange; "Duration test (Annual test)" is red. If user would like the first month do not test, then user can click " 1 " and then click "Do not test", then the first month will turn to grey color and will not do the test. User can select a certain date and hours to self-test, like date 16th 17:30.

 \times Every month can only carry out one scheduling functionality test or during test, there is not possible to carry out scheduling functionality test and during test at the same month.



X During the monthly and annual test, if there is any emergency fault found, the system will send the emergency fault notification immediately. Users can check the details by refreshing "Emergency logs" or email (set the auto-notification in the web platform in advance).

After finished all the test, users can check the result via refresh "Emergency logs". Or users can check the report by Koolmesh web platform (www.iot.koolmesh.com, same account and password with Koolemsh app).
 System also will send the report to the registered email address where are users already set the auto-notification in the web platform in advance.

Figure 2.5 DALI Emergency time setting



E Emergency Schedule Settings

To save commissioning time on site, Koolmesh also supports batch commissioning for emergency devices which enable users to copy all the parameters setting from exciting devices or use the system default profile directly. Of course, users also can add a new emergency profile according to the real application, all the detail settings please refer to Emergency control devices.

In this section, users can review the system default and all existing profiles for emergency control including those profiles created by other installers or users. Those profile with \square means created by others and cannot be delete or edit, like "Customer profile" (see figure 3.1). For those profile created by user can be delete by slide to left side, like profile "Office 3" (see figure 3.2).

Users can apply the "system default profile", then it would be easier. Users can click "System default profile" in the "Select a profile" page and "next" to select the target device and "start setting". After finishing, this profile would not appear in the "Select a profile" page but will apply on the device that user chooses.

7:37 ut	≈ ■	7:36	I 🗢 🗩	7:39 🖬 🗢 🗖
K Back Select a profile		K Back Select a pro	ofile	Back Emergency parameters
Select profile		Select profile		Self-test settings
Copy parameters from an existing device	>	Copy parameters from an existi	ng device >	Until the pre-set time expires Until fully discharged
System default profile	>	System default profile	>	Emergency duration time setting <i>i</i>
Custom Profile	₽ >	Custom Profile		Self-test scheduling
Office 3	>	ice 3 10	> Delete	Sen-test scheduling Month settings
				1 2 3 4 5 6
				7 8 9 10 11 12
				Do not test Functionalility test Duration test (Annual test)
				Date settings
Add a new profile		Add a new pr	ofile	Next

Figure 3.1 Select a profile

Figure 3.2 Delete a profile

Figure 3.3 System default profile



Also, there are two ways to create and apply a new profile.

- 1. Copy parameters from an existing device and then "Choose" the device user would like to copy like "Office 3 (HBEM01)" and "Next " Emergency parameters. Users can rename the profile as "Hallway" and change the parameters based on the exciting profile. After that, users can click " 🕁 " to save and "Next" to select the device would like to apply and "start setting". After finishing, the new profile will appear in the "Select a profile" page.
- 2. All the setting for "Add a new profile" can refer to 1.

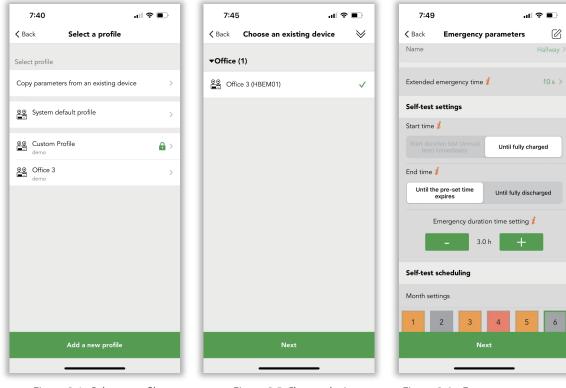


Figure 3.4 Select a profile

7:40

▼Office (1)

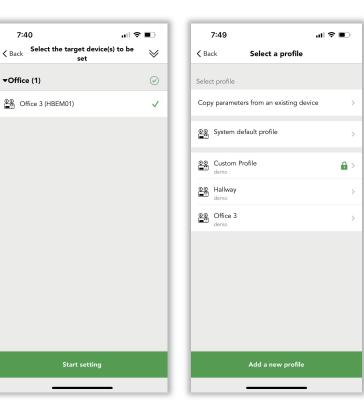


Figure 3.5 Choose device

Figure 3.6 Emergency parameters

Figure 3.7 Select device(s)

Figure 3.8 After finishing



<u>်ိ</u>ံ Groups

Grouping enables users to set functionality test and duration test at a zone level or group level in different time. In the real application, users prefer to create additional schedules so that luminaires in adjacent zones are tested at different times. If they are tested at the same time and an emergency occurs during or shortly after the duration test, they will not be able to provide the emergency lighting function.

In the group section, users can create different emergency groups by clicking the top left corner 🖄 to add new groups. Users can create the Group for hybrid and DALI emergency together and do the self-test scheduling. In the self-test scheduling, there are Hybrid emergency settings and DALI emergency parameter settings, but they are working for Hybrid and DALI emergency separately. For example, when there are Hybrid and DALI emergency in the same group and have the same test scheduling, the "Hybrid emergency setting" only works for Hybrid emergency drivers and "DALI emergency parameter settings" only works for DALI emergency drivers.

10:14		? ■)	10:14	ul ≎ ■)	10:14	al 🗢 🔳
Grou	ıps	Ø	K Back Create	a new group	K Back Self-test sched	uling
Luminaire groups	Emergency	groups	Group name	Emergency groups 33 >	Hybrid emergency settings	
mergency groups 4		2 🚞	Self-test scheduling	N/A >	Extended emergency time i	10 s
Functionality test (Monthl Jan, Feb, Mar, Apr, May, J		ep. Oct.			Start time i	
Nov	-		Emergency	control devices:	Start duration test (Annual test) immediately	ntil fully charged
Duration test (Annual test Dec)		▼corridor	0	End time <i>1</i>	
ate: 15 Time: 00:00			Office 1 (HBEM8200-F)	0	Until the pre-set time expires Ur	til fully discharged
			corridor 1 (HBEM01)	0	Emergency duration tim	e setting <i>į</i> +
					DALI emergency parameter s	ettings
					Extended DALI emergency time <i>i</i>	0.0 min
					Maximum test delay	7 day(s)
ones Groups Scen		€ Settings			Self-test scheduling	
-igure 4.1 Em	iergency	aroup	Figure 4.2	Create group	Figure 4.3 Self-tes	t cchodulin



Push Switches

Considered user friendly, Koolmesh also enables users to carry out the monthly test and annual test by push switches. As long as users finished the wiring, then users can configure via app. But users can't carry out these tests by EnOcean and BLE panels.

User can carry out the monthly test and annual test or terminated test by signle press or double press or press and hold. As long as the configuration finished, user can carry out these immediately. The control object of the push switches also need to be configurated.

※ Both DALI emergency and hybrid emergency control devices can be controlled by the same push switch. The difference is that the hybrid emergency also needs to configure the start time and end time for the test, and the battery discharge time(see figure 4.3), but all these are not workable for DALI emergency control devices. For DALI emergency, as long as users push the switch, then the test will be carried out immediately. But if the battery happens not fully charged, then the annual test will be postponed until fully charged, details need to refer to the third-party driver.

17:11 .il 穼		17:12	al 🗢 🗈	17:37	. ∎ ≎ In
K Back Push switches	\otimes	K Back Push switch fun	ction	K Back Push:Office	2 (HBEM01)
Quick Match Manual Selection	n	Normal		Push switch function	Emergency Self-Test Function >
▼Koolmesh (3)		Sensor-link		Control object	Emergency control: > Office 2 (HBEM01) >
Office 1 (HBEM8200-F) (1)	>	ON OFF Switch		Single press	Start monthly test (functionality test)
Office 1 (HBEM8200-F) (2)	>	Emergency Self-Test Function	~	Double press	Start annual test (duration test) >
Office 2 (HBEM01)	>			Press and hold	Terminated test >
▼Meeting room (1)				The following settings do r	not work for Dali eme
Meeting room1 (HBEM02)	>			Start time i	
				Start duration test (Annual test) immediately	Until fully charged
	- 1			End time <i>i</i>	
				Until the pre-set time expires	Until fully discharged
				Customize battery discharge time <i>i</i>	0 s >
				Sa	ive
	_		_		

Figure 5.1 Push switches

Figure 5.2 Push switches

Figure 5.3 Push switches



Web Platform

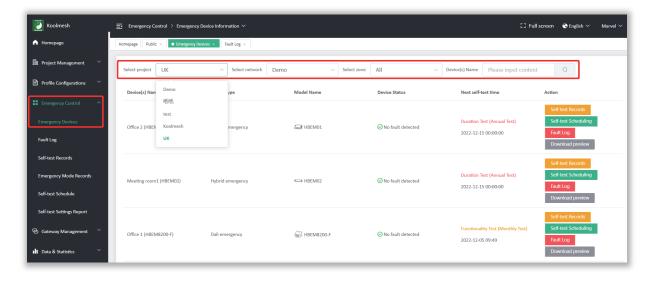
https://www.iot.koolmesh.com/emergency

Koolmesh web platform enables users to monitor the emergency device and check all the reports and do some basic information setting. If users want to schedule their monthly test and annual test for their emergency device, they need to do the schedule on Koolmesh app, the web platform only supports checking the report and schedule.

Project name : UK Network name : Demo Below all the example are take from above project and network

Emergency Device

Users can have the emergency devices list by selecting the corresponding project and network and zone, or users can check it by the device's name.



• Self-test records

This button is an overview function which enables users to check all the self-test records of this device. If users have made the remark or signature for the corresponding record, then the confirm status will be confirmed.

Meeting room1 (H	IBEM02)			:
₿ 2022-11				
Model type	Test type	Self-test start time	Self-test end time	Confirm status
Hybrid emergency	🖥 Manual(Monthly Test)	2022-11-23 15:56:06	2022-11-23 15:58:26	Unconfirmed
Hybrid emergency	🗟 Button(Monthly Test)	2022-11-21 15:03:00	2022-11-21 15:06:20	Unconfirmed
Hybrid emergency	🗟 Manual(Annual Test)	2022-11-21 14:36:39	2022-11-21 15:00:23	Unconfirmed
Hybrid emergency	🗟 Auto(Annual Test)	2022-11-19 00:00:00	2022-11-19 03:00:20	Confirmed
Total 4 10/page	 ✓ ✓ 	Go to 1		



• Self-test scheduling

This button is an overview function which enables users to check the self-test schedule of this device. If users want to make the schedule for the device , they need to make it in the Koolmesh app.

	×
Feb: Functionality Test (Monthly Test)	
Apr: Functionality Test (Monthly Test)	
Jun: Functionality Test (Monthly Test)	
Aug: Functionality Test (Monthly Test)	
Oct: Functionality Test (Monthly Test)	
Dec: Duration Test (Annual Test)	
	Apr:Functionality Test (Monthly Test)Jun:Functionality Test (Monthly Test)Aug:Functionality Test (Monthly Test)Oct:Functionality Test (Monthly Test)

• Fault log

This button is an overview function which enables users to check all the fault logs of this device. If users have made the remark or signature for the corresponding record, then the confirm status will be confirmed.

Meeting room1 (H	BEM02)				×
Model type	Fault type	Fault time	Fault fixed time	Confirm status	
Hybrid emergency	💾 Battery open circuit	2022-11-23 15:55:46	2022-11-23 15:56:01	Unconfirmed	
Hybrid emergency	💩 Loads open circuit/Driver fault	2022-11-21 15:00:23	2022-11-21 15:06:20	Confirmed	
Total 2 10/page	 ✓ 1 > 	Go to 1			



• Download preveiw

This button enables users to download the emergency report by selecting the year. There are three parts included in this report, home(basic project information), inspection and test record, fault record. Users also can download it with an excel file.

Model Emergency Li	ghting inspection and test record for s	ystems designed to BS 5266-1 and BS I	N 50172/BS 5266-8	
		ng system will not be fully functional ur only test alternate luminaires at any or		
Report year	2022			
System manufacturer contact phone number	Koolmesh 122111			
System installer contact phone number	Leo sayer 456123			
Competent person responsible for verification and annual test	Daniel 789456	Daniel 789456		
Site address	UK			
Responsible person	Michael Jackson 123456789			
Project name	ик	Network name	Demo	
Zone name		Device name(model)	Meeting room1 (HBEM02)	
Action to be taken on finding a failu	re	1		
2.A risk assessment of the failure sh this data and, if necessary, advice fro 3.Action may be: to warn occupants to be extra vigi to initiate extra safety patrols to issue torches as a temporary m in a high risk situation, to limit use	m the Fire Authority,the appropriate ac lant until the system id rectified easure of all or part of the building	the people who will be at increased ris		

× Project basic information fill in, if user have't fill in these information, then when users download the report, all the basic inforamtion will be empty

Koolmesh	Project Management		🚼 Full screen 🔹 English 🗸 🛛 M
A Homepage	Homepage Emergency Devices × Project Management ×		
Project Management	Add	Edit this project ×	
C Network Management ~	11.0000 m N (000000 m N) 11.000 m N (00000 m N) 11.000 m N) 11.000 m N (00000 m N) 11.000 m N) 11.000 m N (00000 m N) 11.000 m N) 11	Project name	
ज्ज् Project Report Download		UK	Edit this project
ज़्न Device Report Download		Remarks	Delete this project
Profile Configurations	Demo P		UK
Emergency Control	Create date:03/22/2022	File upload[Image format must be JPG, PNG, JPEG or BMP,Image file size must be less than 3 MB,Recommended picture ratio 4-3 (length:width),length 216px, width 162px)	1/15/2022 Create date:11/18/2022
🕑 Gateway Management 🛛 🎽			
📲 Data & Statistics 🛛 🗡		Select picture	
Ô System Settings ✓			
		Emergency information(Optional) ~	
		Confirm Cancel	

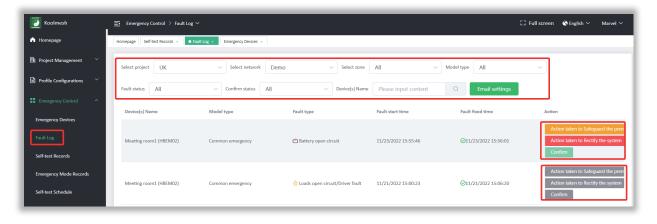


× Notification settings, if users want to received notification for the emergency device (fault , before and after selt-test notification) , then user can fill in their email address as below

Koolmesh		ation Settings \checkmark		🚦 Full screen 🕤 English 🗸 Marvel
Homepage	Homepage Sensor False Trigger Diag	nosis × Self-test Notification Setting × Fault Notific	ation Settings ×	
Project Management 🛛 👋	Project name	Send fault notification?	Email address(s) to receive notification	Action
Profile Configurations	Demo	Yes	marvel@koolmesh.com	Edit
Emergency Control 🛛 🗸	test	No		Edit
b Gateway Management 🛛 🗡	哦哦	No		Edit
Data & Statistics 🗸 🗸	Koolmesh	No		Edit
	UK	No		Edit
User Settings				
Statistics settings				
Fault Notification Settings				
Self-test Notification Setting				
Company Title Settings				
Sensor False Trigger Diagnosis				

Fault Log

Users can have the fault log list by selecting the corresponding project and network and zone, or users can check it by the device's name. There are three actions that need to be taken by three different responsible persons. If all the actions have been taken and make a remark or signature, then the color will turn to grey. Users can make a remark or signature on Koolmesh app or web platform.





Self-test Records

Users can have the self-test record list by selecting the corresponding project and network and zone, or users can check it by the device's name. There is remark which enable users to make the signature. If all the self-test have been carry out and make a remark or signature , then the color will turn to grey. Users can make a remark or signature on Koolmesh app or web platform.

Koolmesh	Emergency Control > Self-tes	it Records ∨				[] Full scree	n 🕤 English
omepage	Homepage Fault Log × Self-test	Schedule × Self-test Records ×					
roject Management 🛛 🗡	Select project UK	 Select network 	Demo v	Select zone All	✓ Model type	All V	
file Configurations \checkmark	Device(s) Name Please inpu	ut content Q	Email settings				
rgency Control ^	Device(s) Name	Model type	Test type	Self-test start time	Self-test end time	Self-test result	Action
gency Devices	Office 1 (HBEM8200-F)	Dali emergency	Functionality Test (Monthly Test)		⊘2022-11-28 09:26:54	⊘ No fault detected	Remarks
test Records	Meeting room1 (HBEM02)	Hybrid emergency	Manual (Monthly Test)	2022-11-23 15:56:06	⊘2022-11-23 15:58:26	⊘ No fault detected	Remarks
gency Mode Records	Meeting room1 (HBEM02)	Hybrid emergency	Button(Monthly Test)	2022-11-21 15:03:00	⊘2022-11-21 15:06:20	⊘ No fault detected	Remarks
est Schedule est Settings Report	Meeting room1 (HBEM02)	Hybrid emergency	🚪 Manual (Annual Test)	2022-11-21 14:36:39	Ø2022-11-21 15:00:23	Substantiation State	Remarks
test settings wepoirt	Office 1 (HBEM8200-F)	Dali emergency	🐻 Duration Test (Annual Test)		⊘2022-11-21 10:27:38	⊘ No fault detected	Remarks

Emergency Mode Records

Users can have the emergency mode record list by selecting the corresponding project and network and zone, or users can check it by the device's name.

※ But this section is not available for DALI emergency devices. Hytronik's hybrid emergency only works as a signal translator (translating the DALI signal to Bluetooth signal). As long as the DALI emergency is in the emergency mode which means there is no power supply to the translator, this will cause the translator to also be off-line from the mesh network.

🕖 Koolmesh	Emergency Control > All Log ∽				🖸 Full screen 🛛 🔇 English
🔒 Homepage	Homepage Self-test Schedule × Self-test	Records × • Emergency Mode Records ×			
🖪 Project Management 🛛 🗡	Select project UK	Select network Demo	✓ Select zone All	✓ Model type All	~
Profile Configurations	Device(s) Name Please input con	tent Q Email settings			
Emergency Control	Device(s) Name	Model Name	Model type	Emergency start	Emergency end
Emergency Devices					
Fault Log	Meeting room1 (HBEM02)	HBEM02	Hybrid emergency	Emergency Mode 2022-11-23 16:12:58	© Normal Mode 2022-11-23 16:13:12
Self-test Records				Strate Emergency Mode	Normal Mode
Emergency Mode Records	Meeting room1 (HBEM02)	HBEM02	Hybrid emergency	2022-11-18 10:41:15	2022-11-18 10:41:31
Self-test Schedule	Meeting room1 (HBEM02)	HBEM02	Hybrid emergency	📇 Emergency Mode	C Normal Mode
Self-test Settings Report			, ن <i>س</i> ت.,	2022-11-18 10:40:39	2022-11-18 10:40:58



Self-test Schedule

Users can have the self-test schedule list by selecting the corresponding project and network and zone and model types or users can check it by the device's name. Only support to check the overview schedule, do not support arrange self-test schedule.

[Koolmesh	Ξ Emergency Control $>$ Self-test Scheduling \vee			[] Full screen	🔇 English 🗸 🛛 Marvel 🗸
▲ Homepage	Homepage Fault Log × Emergency Devices × Self-t	est Schedule ×			
🖻 Project Management 🛛 🗡	Select project UK V Select	ct network Demo -> Select :	cone All ~ Model type	Hybrid emergency ^	
Profile Configurations	Device(s) Name Please input content	a		Hybrid emergency	
Emergency Control ^	Device(s) Name	Functionality Test (Monthly Test)	Duration Test (Annual Test)	Dali emergency Do not test	Day
Emergency Devices	Meeting room1 (HBEM02)	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	Dec		15 00:00
Fault Log		Jan Feb Mar Apr May Jun Jul Aug Sep Oct			
Self-test Records	Office 2 (HBEM01)	Nov	Dec		15 00:00
Emergency Mode Records Self-test Schedule	Total 2 10/page v (1) G	o to 1			

Self-test Setting Report

Users can download the report for self- test schedule of the whole network emergency devices

[Koolmesh	Emergency Control > Self-te	🚼 Full screen 🔹 English 🗸 🛛 Marvel 🗸			
n Homepage	Homepage Gateway List ×	Self-test Settings Report × Self-test Schedule ×			
둼 Project Management 🛛 👋	Project name	Project Type	Created on	Remarks	Action
Profile Configurations 🛛 🗡	Demo	Default Project	03/22/2022		Download preview
Emergency Control	哦哦,	Customized Project	09/15/2022		Download preview
Emergency Devices	test	Customized Project	07/25/2022		Download preview
Fault Log	Koolmesh	Customized Project	11/15/2022		Download preview
Self-test Records	UK	Customized Project	11/18/2022		Download preview
Emergency Mode Records					
Self-test Schedule					
Self-test Settings Report					

 $\,$ $\,$ The company logo presented in the report can be changed ,details refer to below

Koolmesh			
A Homepage	Homepage Self-test Schedule × Sensor Fa	lise Trigger Diagnosts - Company Title Settings - Default Project 03/22/2022	Edit
📴 Project Management 🗸 👋			
Profile Configurations			
Emergency Control 🛛 🗡	峨峨	Please click the picture below to modify the report header.	Edit
🙆 Gateway Management 🛛 👋		MB,Recommended picture ratio 4:3 (length:width))	
📲 Data & Statistics 🗸 🗸			_
System Settings ^	test	Select picture	Edit
User Settings			
Statistics settings		Confirm Cancel	_
Fault Notification Settings	Koolmesh		Edit
Self-test Notification Setting			
Company Title Settings Sensor False Trigger Diagnosis	UK	Customized Project 11/18/2022	Edt