

RPG-AXIS1

User Manual

Version 1.00

Contents

1	Briefing	Error! Bookmark not defined.
2	Target user	Error! Bookmark not defined.
3	Preparations	Error! Bookmark not defined.
3.1	Essentials.....	1
3.2	Before setup	1
4	How to install.....	Error! Bookmark not defined.
5	How to setup	Error! Bookmark not defined.
6	Event registration	Error! Bookmark not defined.
7	List of Redwall Event Code (R.E.C.)	Error! Bookmark not defined.

1 Briefing

This manual explains how to install and use the OPTEX plug-in software for AXIS cameras (RPG-AXIS1).

2 Target user

System Administrator

3 Preparations

3.1 Essentials

• Camera that has an ARTPEC-3.

1. Plug-in software : REDWALL_Event_Code_Integration_1_0_ARTPEC-3.eap
2. Camera : Camera that has an ARTPEC-3.

• Camera that has an ARTPEC-4.

1. Plug-in software : REDWALL_Event_Code_Integration_1_0_ARTPEC-4.eap
2. Camera : Camera that has and ARTPEC-4.

3. Computer :

3.2 Before setup

3.2.1 Network setup

Please setup IP address and subnet mask of the computer to communicate with the camera that you are installing the plug-in software to.

4 How to install

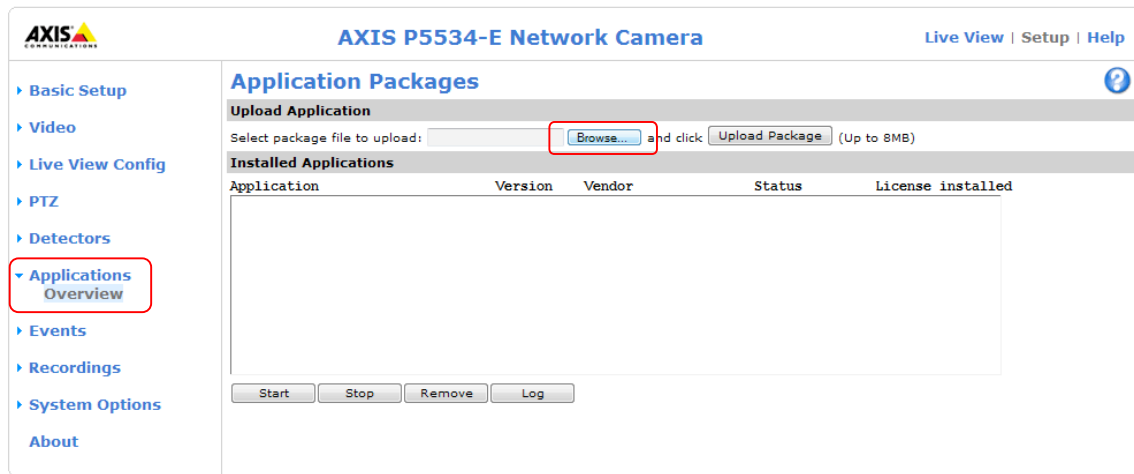
1. Connect PC to AXIS camera to install plug-in software with LAN cable. And then, access camera from browser. (Make sure camera has the latest firmware update).

Note.

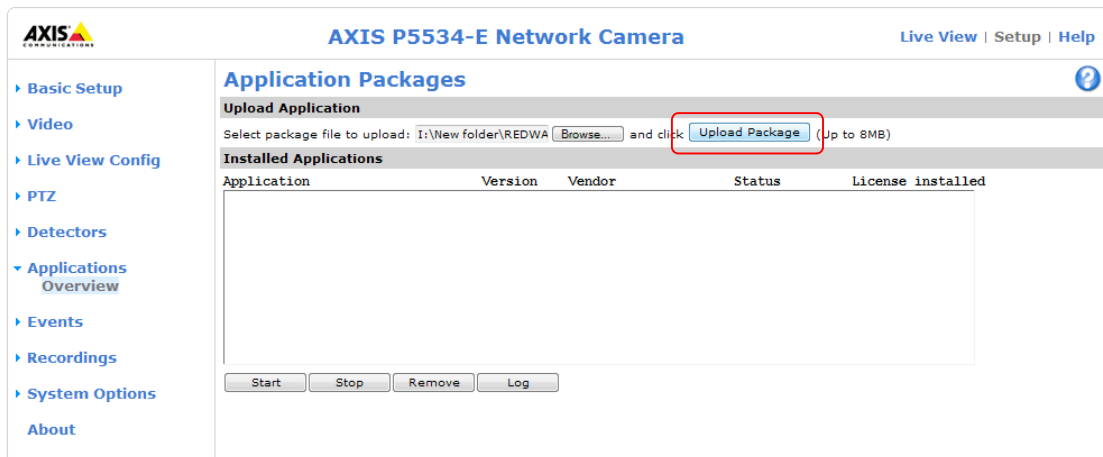
Refer to the AXIS camera manual on how to access camera with browser.

2. Click “Applications” to display the setup window of the camera.

Next, Click “Browse...” in “Upload Applications”.

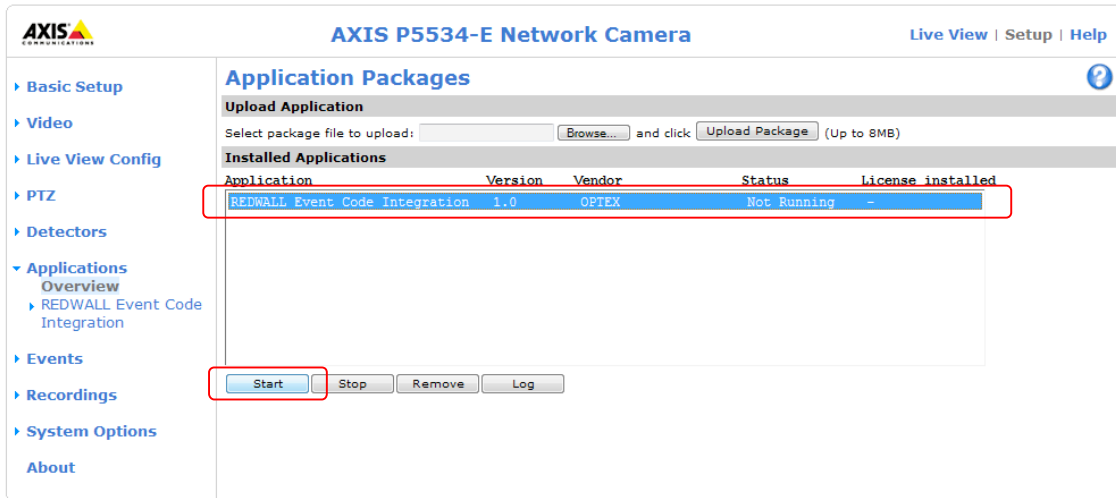


3. Choose the plug-in software that you would like to install in the camera.
4. Click “Upload Package”.



5. Once the plug-in software is complete, Redwall Event Code Integration will be displayed in the

“Installed Applications”. Click “Start” to execute the plug-in software.



AXIS P5534-E Network Camera Live View | Setup | Help

Application Packages ?

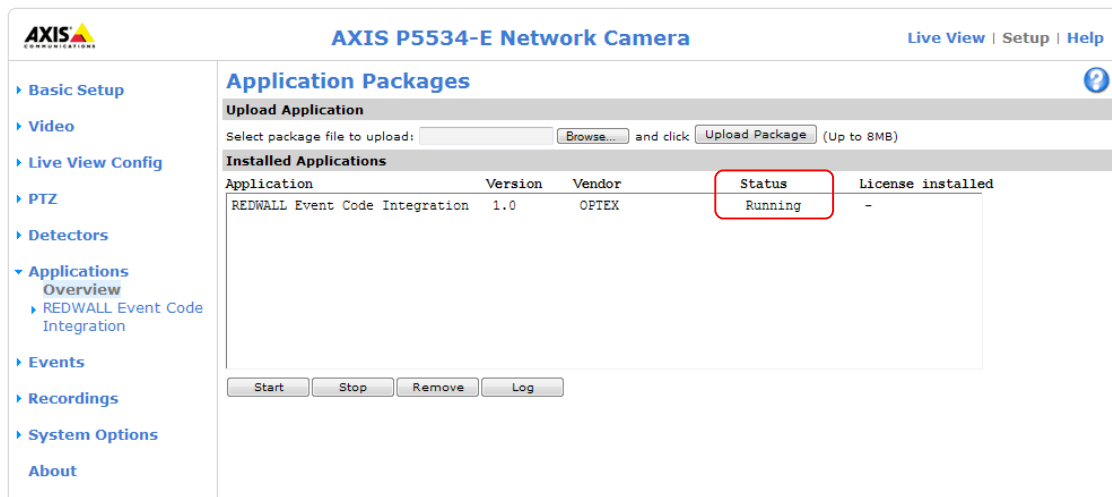
Upload Application

Select package file to upload: and click (Up to 8MB)

Installed Applications

Application	Version	Vendor	Status	License installed
REDWALL Event Code Integration	1.0	OPTEx	Not Running	-

6. If the “Status” shows “Running”, installation is finished.



AXIS P5534-E Network Camera Live View | Setup | Help

Application Packages ?

Upload Application

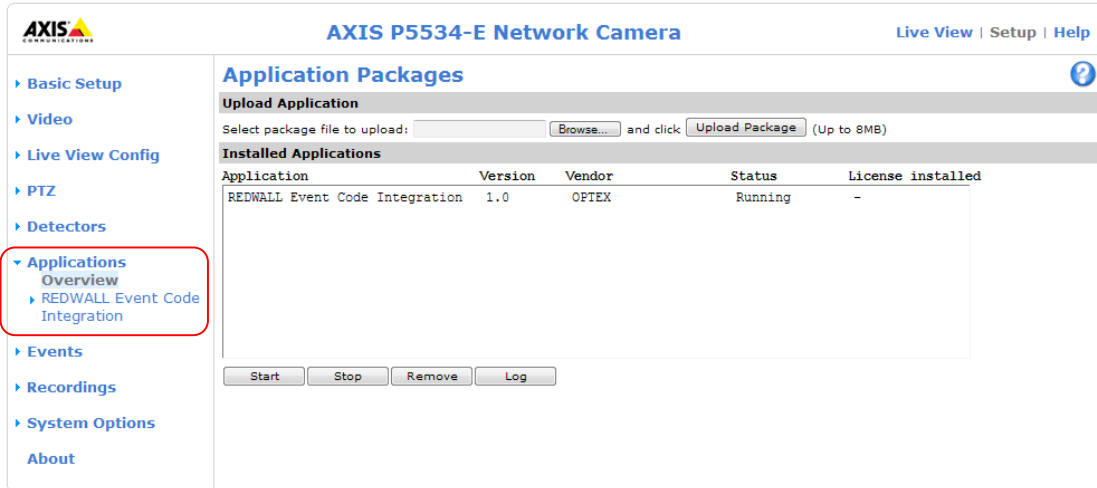
Select package file to upload: and click (Up to 8MB)

Installed Applications

Application	Version	Vendor	Status	License installed
REDWALL Event Code Integration	1.0	OPTEx	Running	-

5 How to setup

1. In the browser, click “Redwall Event Code Integration” in “Applications”.

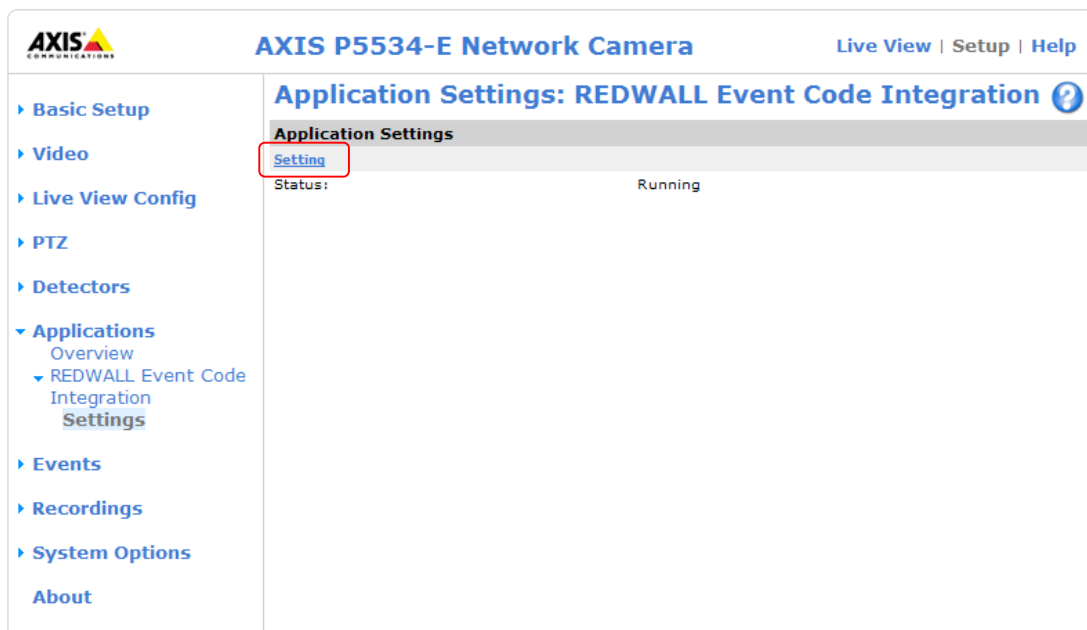


The screenshot shows the web interface for an AXIS P5534-E Network Camera. The page title is "Application Packages". On the left sidebar, the "Applications" menu item is highlighted with a red box. The main content area shows an "Upload Application" section with a "Browse..." button and an "Upload Package" button. Below that is an "Installed Applications" table:

Application	Version	Vendor	Status	License installed
REDWALL Event Code Integration	1.0	OPTeX	Running	-

At the bottom of the table, there are buttons for "Start", "Stop", "Remove", and "Log".

2. Click “Setting” in the “Application Settings”



The screenshot shows the web interface for an AXIS P5534-E Network Camera. The page title is "Application Settings: REDWALL Event Code Integration". On the left sidebar, the "Settings" link under the "Applications" menu is highlighted with a red box. The main content area shows an "Application Settings" section with a "Setting" link highlighted with a red box. Below the link, the status is displayed as "Running".

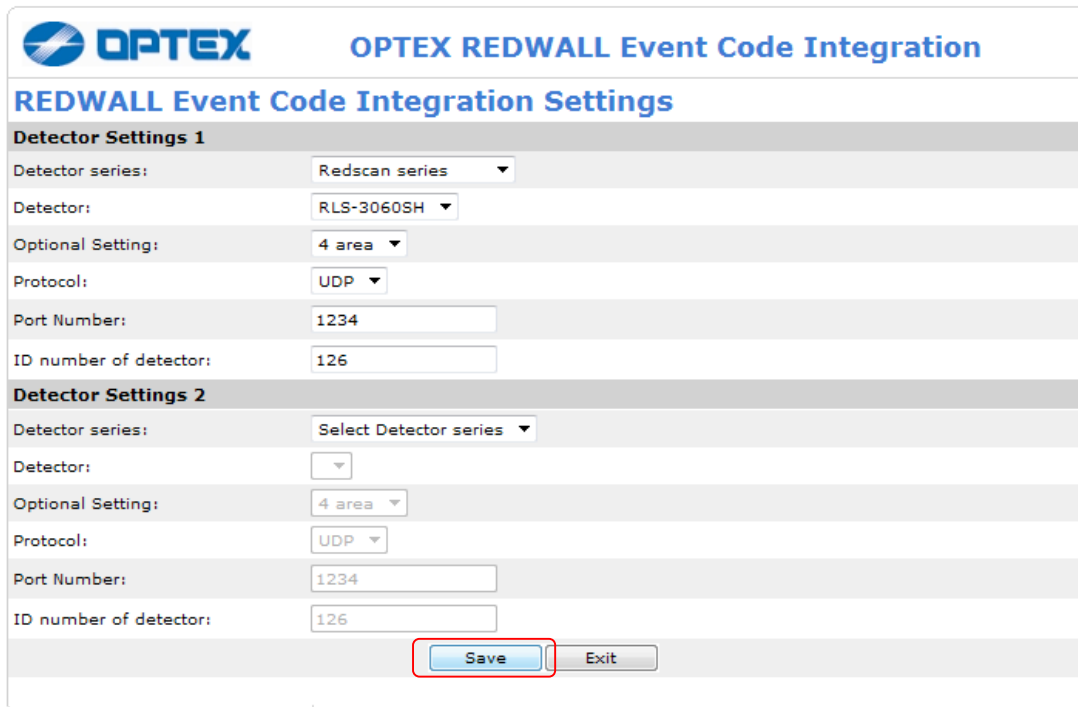
3. Change the settings if necessary.

The number of detectors that can receive Redwall Event Code (R.E.C.) is three per camera. When you setup Detector Settings 2, Detector Settings 3 will appear.

The descriptions of each settings are as follows.

- Detector series : Choose the detector series that is the source host of R.E.C.
- Detector : Choose the model that is the source host of R.E.C.
- Optional Setting : Choose the status of the area of the detector.
- Protocol : Choose the protocol for R.E.C.
- Port Number : Specify the listening port for R.E.C.
- ID number of detector : Specify the detector's ID that is the source host of R.E.C.

Click "Save" to save the settings after completion.



OPTEX REDWALL Event Code Integration

REDWALL Event Code Integration Settings

Detector Settings 1

Detector series: Redscan series

Detector: RLS-3060SH

Optional Setting: 4 area

Protocol: UDP

Port Number: 1234

ID number of detector: 126

Detector Settings 2

Detector series: Select Detector series

Detector:

Optional Setting: 4 area

Protocol: UDP

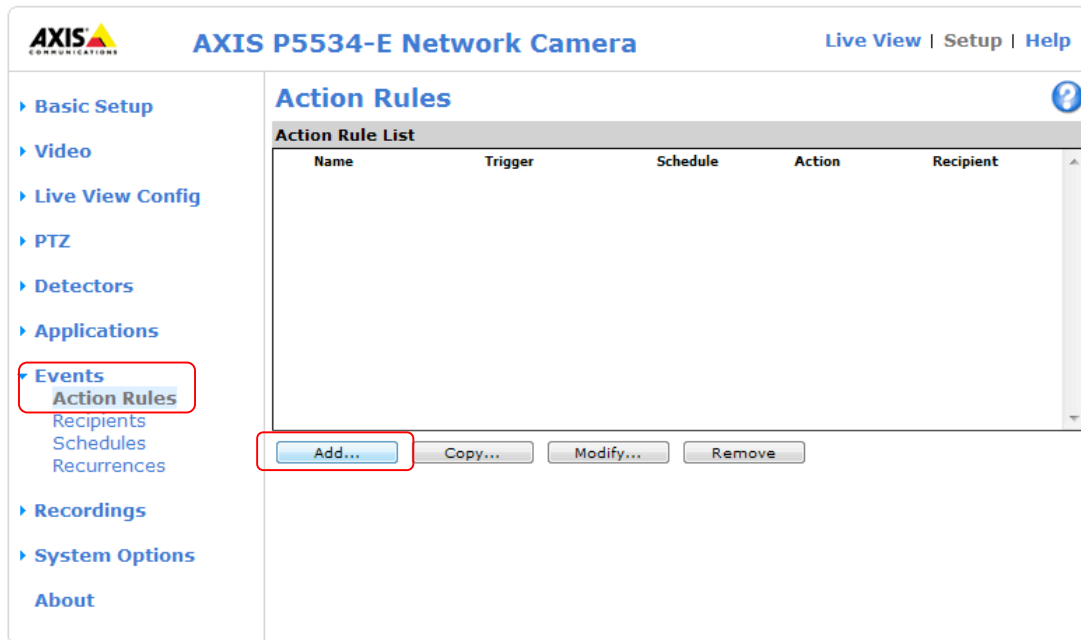
Port Number: 1234

ID number of detector: 126

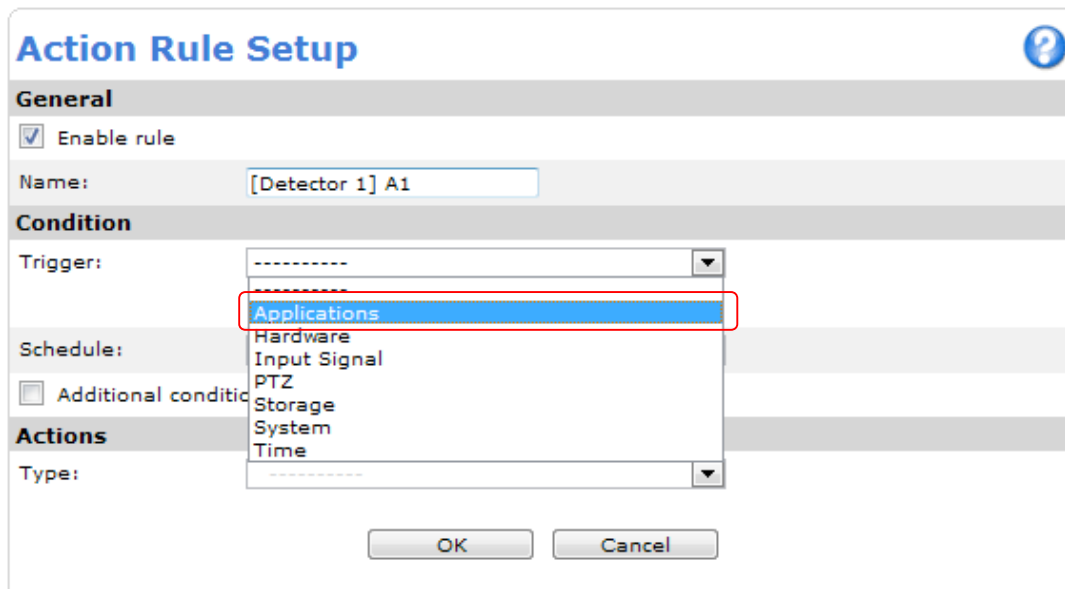
Save Exit

6 Event registration

1. Access camera with browser. Click "Events".
Next, click "Add..." in the "Action Rules".



2. Choose "Applications" from "Trigger:" in "Condition".



3. Choose the R.E.C. that you would like to use as trigger from the list.

Action Rule Setup ?

General

Enable rule

Name:

Condition

Trigger: ▼

▼

▼

Schedule: Additional condition

Actions

Type:

[Detector 1][Clear code for AM] am

[Detector 1][Clear code for AR] ar

[Detector 1][Clear code for DQ] dq

[Detector 1][Clear code for SO]so

[Detector 1][Clear code for TA] ta

[Detector 1][Clear code for TR] tr

[Detector 1][Clear code] CL

[Detector 1][Combi. code] AA

[Detector 1][Combi. code] ba

[Detector 1][Combi. code] bA

[Detector 1][Combi. code] BA

[Detector 1][Combi. code] Ba

[Detector 1][Combi. code] BB

[Detector 1][Master alarm] MO

[Detector 1][Priority combi. code] A1

[Detector 1][Priority combi. code] A2

[Detector 1][Priority combi. code] B1

[Detector 1][Priority combi. code] B2

[Detector 1][Trouble code] AM

[Detector 1][Trouble code] AR

[Detector 1][Trouble code] DQ

[Detector 1][Trouble code] SO

[Detector 1][Trouble code] TA

[Detector 1][Trouble code] TR

[Detector 1][Without combi. code] A1

[Detector 1][Without combi. code] A2

[Detector 1][Without combi. code] B1

[Detector 1][Without combi. code] B2

4. Setup the event that you need in “Actions”.
Refer to the AXIS camera manual for details.
5. Click “OK” to save the settings.

7 List of Redwall Event Code (R.E.C.)

OPTEx Detector information			Event name	Description
series	detector	option		
Redscan series	RLS-3060SH	Common	[Master alarm] MO	Receive R.E.C. including "MO"
	RLS-3060L		[Clear code] CL	Receive R.E.C. including "CL"
			[combi. code] AA	Receive R.E.C. including "AA"
			[combi. code] BA	Receive R.E.C. including "BA"
			[combi. code] Ba	Receive R.E.C. including "Ba"
			[combi. code] ba	Receive R.E.C. including "ba"
			[combi. code] bA	Receive R.E.C. including "bA"
			[combi. code] BB	Receive R.E.C. including "BB"
			[Trouble code] DQ	Receive R.E.C. including "DQ"
			[Clear code for DQ] dq	Receive R.E.C. including "dq"
			[Trouble code] AR	Receive R.E.C. including "AR"
			[Clear code for AR] ar	Receive R.E.C. including "ar"
			[Trouble code] AM	Receive R.E.C. including "AM"
			[Clear code for AM] am	Receive R.E.C. including "am"
			[Trouble code] TR	Receive R.E.C. including "TR"
	[Clear code for TR] tr		Receive R.E.C. including "tr"	
	[Trouble code] SO		Receive R.E.C. including "SO"	
	[Clear code for SO] so		Receive R.E.C. including "so"	
	[Trouble code] TA		Receive R.E.C. including "TA"	
	[Clear code for TA] ta		Receive R.E.C. including "ta"	
	4 area		[Priority combi. code] A1	Receive R.E.C. including "A1"
			[Without combi. code] A1	Receiving R.E.C. that is after "A1" without combination code
			[Priority combi. code] A2	Receive R.E.C. including "A2"
			[Without combi. code] A2	Receiving R.E.C. that is after "A2" without combination code
			[Priority combi. code] B1	Receive R.E.C. including "B1"
			[Without combi. code] B1	Receiving R.E.C. that is after "B1" without combination code
			[Priority combi. code] B2	Receive R.E.C. including "B2"
			[Without combi. code] B2	Receiving R.E.C. that is after "B2" without combination code

				code
		8 area	[Priority combi. code] A11	Receive R.E.C. including "A11"
			[Without combi. code] A11	Receiving R.E.C. that is after "A11" without combination code
			[Priority combi. code] A12	Receive R.E.C. including "A12"
			[Without combi. code] A12	Receiving R.E.C. that is after "A12" without combination code
			[Priority combi. code] A21	Receive R.E.C. including "A21"
			[Without combi. code] A21	Receiving R.E.C. that is after "A21" without combination code
			[Priority combi. code] A22	Receive R.E.C. including "A22"
			[Without combi. code] A22	Receiving R.E.C. that is after "A22" without combination code
Redwall series	Common	Common	[Master alarm] MO	Receive R.E.C. including "MO"
			[Clear code] CL	Receive R.E.C. including "CL"
			[Trouble code] TR	Receive R.E.C. including "TR"
			[Clear code for TR] tr	Receive R.E.C. including "tr"
			[Trouble code] TA	Receive R.E.C. including "TA"
			[Clear code for TA] ta	Receive R.E.C. including "ta"
	SIP-100	Output Selector 3(UP)	[Priority combi. code] FR	Receive R.E.C. including "FR"
			[Without combi. code] FR	Receiving R.E.C. that is after "FR" without combination code
			[Priority combi. code] NR	Receive R.E.C. including "NR"
			[Without combi. code] NR	Receiving R.E.C. that is after "NR" without combination code
			[Priority combi. code] CR	Receive R.E.C. including "CR"
			[Without combi. code] CR	Receiving R.E.C. that is after "CR" without combination code
			[combi. code] XY	Receive R.E.C. including "XY"
			[combi. code] XZ	Receive R.E.C. including "XZ"
			[combi. code] YZ	Receive R.E.C. including "YZ"
		Output Selector 2(DOWN)	[Priority combi. code] FN	Receive R.E.C. including "FN"
			[Without combi. code] FN	Receiving R.E.C. that is after "FN" without combination code
			[Priority combi. code] CR	Receive R.E.C. including "CR"

			[Without combi. code] CR	Receiving R.E.C. that is after "CR" without combination code
			[combi. code] XZ	Receive R.E.C. including "XZ"
	SIP-5030	-	[Priority combi. code] FN	Receive R.E.C. including "FN"
			[Without combi. code] FN	Receiving R.E.C. that is after "FN" without combination code
			[Priority combi. code] CR	Receive R.E.C. including "CR"
			[Without combi. code] CR	Receiving R.E.C. that is after "CR" without combination code
			[combi. code] XZ	Receive R.E.C. including "XZ"
	SIP-404 SIP-4010 SIP-3020	Range Selector Far+Near (DOWN)	[Priority combi. code] FN	Receive R.E.C. including "FN"
			[Without combi. code] FN	Receiving R.E.C. that is after "FN" without combination code
	SIP-404/5 SIP-4010/5 SIP-3020/5	Range Selector Near only (UP)	[Priority combi. code] NR	Receive R.E.C. including "NR"
			[Without combi. code]NR	Receiving R.E.C. that is after "NR" without combination code
	SIP-404/5 SIP-4010/5 SIP-3020/5	Range Selector Far+Near (DOWN)	[Priority combi. code] FN	Receive R.E.C. including "FN"
			[Without combi. code] FN	Receiving R.E.C. that is after "FN" without combination code
			[Priority combi. code] CR	Receive R.E.C. including "CR"
[Without combi. code] CR			Receiving R.E.C. that is after "CR" without combination code	
[combi. code] XZ			Receive R.E.C. including "XZ"	
Range Selector Near only (UP)		[Priority combi. code] NR	Receive R.E.C. including "NR"	
		[Without combi. code]NR	Receiving R.E.C. that is after "NR" without combination code	
		[Priority combi. code] CR	Receive R.E.C. including "CR"	
		[Without combi. code] CR	Receiving R.E.C. that is after "CR" without combination code	
		[combi. code] XY	Receive R.E.C. including "XY"	
Redbeam	RBM-60QN	-	[Priority combi. code] A1	Receive R.E.C. including "A1"

series			[Without combi. code] A1	Receiving R.E.C. that is after "A1" without combination code
			[Priority combi. code] A2	Receive R.E.C. including "A2"
			[Without combi. code] A2	Receiving R.E.C. that is after "A2" without combination code
			[combi. code] XY	Receive R.E.C. including "XY"
			[Trouble code] TA	Receive R.E.C. including "TA"
			[Clear code for TA] ta	Receive R.E.C. including "ta"
Fiber Sensor series	Common	Common	[Trouble code] FA	Receive R.E.C. including "FA"
			[Clear code for TR] fa	Receive R.E.C. including "fa"
			[Trouble code] TA	Receive R.E.C. including "TA"
			[Clear code for TA] ta	Receive R.E.C. including "ta"
	FD Single-ch RFB Single-ch	-	[Priority combi. code] A1	Receive R.E.C. including "A1"
			[Without combi. code] A1	Receiving R.E.C. that is after "A1" without combination code
	FD Dual-ch RFB Dual-ch	-	[Priority combi. code] A1	Receive R.E.C. including "A1"
			[Without combi. code] A1	Receiving R.E.C. that is after "A1" without combination code
			[Priority combi. code] A2	Receive R.E.C. including "A2".
			[Without combi. code] A2	Receiving R.E.C. that is after "A2" without combination code
			[combi. code] XY	Receive R.E.C. including "XY"