

Access Control Systems

**NEPTUNE**

Intercom Integrated



# Notices

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## Standards Approvals

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This access control system is compliant with Level I UL 294 listed devices and must be installed in controlled locations.

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### **Notice**

It is important that this instruction manual be read and understood completely before installation or operation is attempted. It is intended that the installation of this unit will be performed only by persons trained and qualified in the installation of access control equipment. The important safeguards and instructions in this manual cannot cover all possible conditions and situations which may occur during installation and use. It must be understood that common sense and caution must be exercised by the person(s) installing, maintaining and operating the equipment.

# History

Update	Description	Ver
04-05-2019	initial version	1.0



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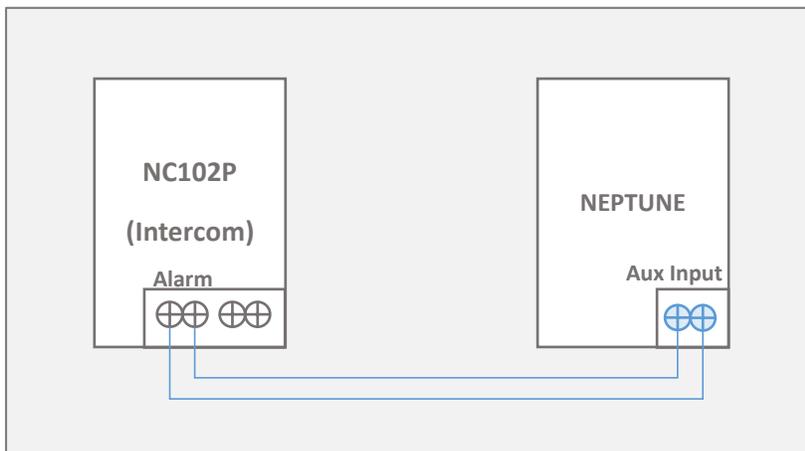
# 1.0 Introduction

This manual contains Information regarding the basic Intercom Integrated configuration of the Neptune Access Control

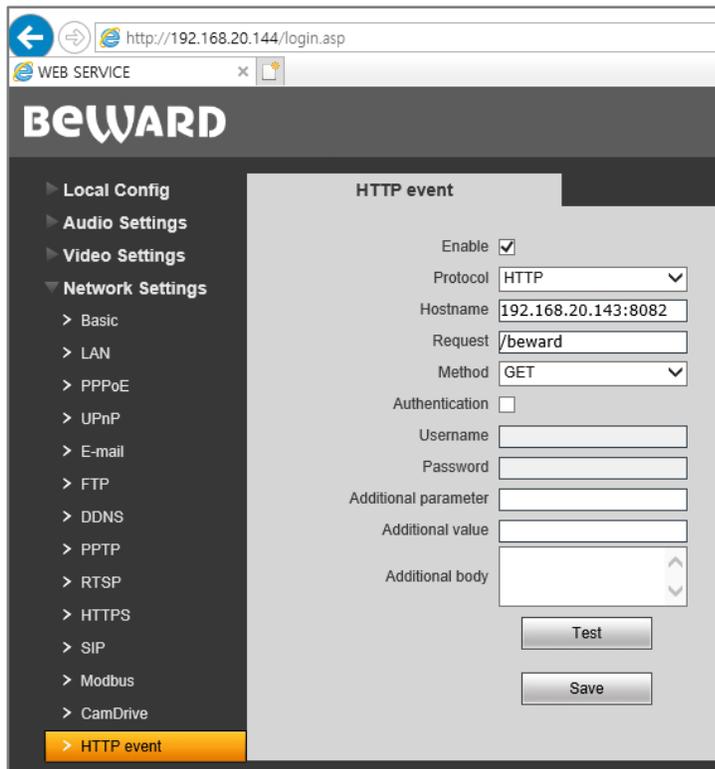
## 2.0 Intercom

Intercom products integrated with NEPTUNE are described based on the DS05M Model of "Beward".

\* Refer to the figure below for the connection between NEPTUNE and Intercom.



## 2.1 Http Event Setup



The screenshot shows a web browser window with the address bar displaying 'http://192.168.20.144/login.asp'. The browser tab is labeled 'WEB SERVICE'. The main content area features the 'BEWARD' logo at the top left. A navigation menu on the left lists various settings categories: Local Config, Audio Settings, Video Settings, and Network Settings. Under Network Settings, several sub-options are listed, with 'HTTP event' highlighted in orange. The main configuration area is titled 'HTTP event' and contains the following fields and controls:

- Enable:** A checked checkbox.
- Protocol:** A dropdown menu set to 'HTTP'.
- Hostname:** A text input field containing '192.168.20.143:8082'.
- Request:** A text input field containing '/beward'.
- Method:** A dropdown menu set to 'GET'.
- Authentication:** An unchecked checkbox.
- Username:** An empty text input field.
- Password:** An empty text input field.
- Additional parameter:** An empty text input field.
- Additional value:** An empty text input field.
- Additional body:** A text area with a vertical scrollbar.

At the bottom of the configuration area, there are two buttons: 'Test' and 'Save'.

### Enable

Select whether to use Http Event to link with Neptune Server. Basically, it must be checked to use.

### Protocol

Protocol for interworking with Neptune Server should be selected as HTTP by default.

### Hostname

Enter the IP address and port of the Neptune Server.

IP Address means the IP address of the Neptune Server already installed.

Port is using port number 8082 assigned to the Neptune Server.

**\* Example : 192.168.0.250:8082**

## ❑ Request

In order to recognize Intercom on Neptune Server, you must enter “/beward”.

\* Example : /beward

## ❑ Method

The method to send to the Neptune Server is selected as “GET”.

## 2.2 Call Button Setup

The screenshot shows the BEWARD web interface. On the left is a navigation menu with categories: Local Config, Audio Settings, Video Settings, Network Settings, Record Settings, Alarm Settings (with sub-items: Motion Detection, Call Button, Connection Loss), Controller, Facial recognition, and System. The 'Call Button' option is highlighted in orange. The main content area is titled 'Sensor Detection Settings' and contains the following configuration fields:

Type	NO	▼
Turn on	<input checked="" type="checkbox"/>	
Time 1	<input checked="" type="checkbox"/>	0 : 0 -- 23 : 59
Time 2	<input type="checkbox"/>	0 : 0 -- 23 : 59
Actions On Detection Triggering		
HTTP event	<input checked="" type="checkbox"/> m=call&door=15	
E-mail notification	<input type="checkbox"/>	
Snapshot	<input checked="" type="checkbox"/> 1 pcs.	Snap interval 1 sec <input type="checkbox"/> E-n
Record	<input checked="" type="checkbox"/>	Record time 60 sec <input type="checkbox"/> FT

At the bottom of the form is a 'Save' button.

## ❑ Turn on

It activates the event alarm to the Neptune Server when an Intercom Call Button Event occurs.

## ❑ Time 1

Select the time to use Event Alarm to the Neptune Server when a Call Button Event occurs in Intercom. Basically, to use continuously, set the time as the default. The default time is 00:00 – 23:59.

## ❑ HTTP event

Enter the door information to be delivered to the Neptune Server when a Call Button Event occurs in Intercom. All entered English characters can be used in lower case.

m : method name ( Default fixed “call”)

door : Neptune Server Door List No.

\* **Example** : m=call&door=15

Device Setting > Door

No	Name	Client	Description
28	787 Staff Mag Lock	Client 6	Client Door 4
27	787 Art Room	Client 6	Client Door 3
26	787 Med Room	Client 6	Client Door 2
25	787 Basement Closet	Client 6	Client Door 1
20	Door 20	Client 4	Client Door 4
19	Door 19	Client 4	Client Door 3
18	Common Room Closet-CH	Client 4	Client Door 2
17	Group Room-CH	Client 4	Client Door 1
16	Support Staff Front-CH	Client 3	Client Door 4
15	Support Staff Rear-CH	Client 3	Client Door 3

## 2.3 Controller Setting

**BEWARD**

Local Config  
Audio Settings  
Video Settings  
Network Settings  
Record Settings  
Alarm Settings  
Controller  
Settings  
Facial recognition  
System

**Controller Settings**

Controller type: 1 channel

Status	Output	Duration	Close on call	Facial recognition
<input checked="" type="checkbox"/>	Output #1	1 s	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Output #2	1 s	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Output #3	1 s	<input type="checkbox"/>	<input type="checkbox"/>

IR LED Night Mode: Always enabled

Door Opening Sound \*

■ **Controller type information may differ for each product of “BEWARD”.  
The product described in this manual is based on the “NC102P” product.**

### Controller Type

Selected as Intercom's Channel 1

### Status

Check Box Check.

## ❑ Duration

Default Duration Used.

# 3.0 NEPTUNE

## 3.1 Event Action Setting

The screenshot shows the 'Event Action > Event Action' configuration window. It is divided into three main sections: Basic, Event, and Action.

**Basic Section:**

- Name \*: test3
- Description :
- Schedule : None

**Event Section:**

No	Type	Where	Event
1	Aux Input	AI 1	Aux Input

Event Source Type: Aux Input

Where: AI 2, AI 3, AI 4, AI 13

Event: AI 1, Aux Input Trouble

Buttons: Save, Cancel

**Action Section:**

No	Type	Where	Action
1	Door	Server Door 1	Momentary Unlock Door

Action Source Type: Door

Where: Server Door 2, Server Door 3, Server Door 4, Conf Room-CH

## ❑ Adding an Event Action

Click New and enter a name and description.

In the Basic Section, name the event, fill in a Description, and select a Schedule for the time the Event Action will be active.

## ❑ Event

In the Event section. click Insert to add a new event

Choose the type is Aux Input (fixing)

Select "Aux Input" in the Event category.

Storage

**□ Action**

Select "Door" for Action Source Type.

Select the door to open when a door open trigger occurs in Intercom.

**NEPTUNE Dash Board Log of Intercom Trigger Event**

LOG	ACK	53	Server Door 1	M	E	AO 1	ON
Time	Local Time	Device Name	User Name	Event Code	Event Description		
03-18-2019 22:59:05	03-18-2019 22:59:05	Server Door 1		600	Door Locked		
03-18-2019 22:59:02	03-18-2019 22:59:02	Server Door 1		601	Door Unlocked		
03-18-2019 22:59:01	03-18-2019 22:59:01	AI 1		501	Aux Input		
03-18-2019 22:58:57	03-18-2019 22:58:57	Support Staff Rear-CH	VISIT	16705	Intercom Calling		