



 **Strand**

VISION.NET GATEWAY

USER MANUAL

IMPORTANT INFORMATION

WARNINGS AND NOTICES

When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- For indoor, dry locations use only. Do not use outdoors.
- Do not mount near gas or electric heaters.
- Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Not for residential use. Do not use this equipment for other than intended use.
- Refer service to qualified personnel.



SAVE THESE INSTRUCTIONS.



WARNING: You must have access to a main circuit breaker or other power disconnect device before installing any wiring. Be sure that power is disconnected by removing fuses or turning the main circuit breaker off before installation. Installing the device with power on may expose you to dangerous voltages and damage the device. A qualified electrician must perform this installation.



WARNING: Refer to National Electrical Code® and local codes for cable specifications. Failure to use proper cable can result in damage to equipment or danger to personnel.



WARNING: This equipment is intended for installation in accordance with the National Electric Code® and local regulations. It is also intended for installation in indoor applications only. Before any electrical work is performed, disconnect power at the circuit breaker or remove the fuse to avoid shock or damage to the control. It is recommended that a qualified electrician perform this installation.

CUSTOMER SERVICE

If you have any questions regarding this product, please contact Customer Service at +1-214-647-7880 or via e-mail at entertainment.service@signify.

LIMITED 2-YEAR WARRANTY

Strand offers a two-year limited warranty on its control products against defects in materials or workmanship from the date of delivery. A copy of Strand two-year limited warranty containing specific terms and conditions can be obtained from the Strand website at www.strandlighting.com or by contacting your local Strand office.

PREFACE

1. ABOUT THIS MANUAL

The document provides operation instructions for the following product(s):

- VISION.NET GATEWAY

Read all instructions before installing or using this product. Retain this manual for future reference.

Additional product information and descriptions may be found in the product datasheet.

2. INCLUDED ITEMS

Each VISION.NET GATEWAY includes the following items:

- VISION.NET GATEWAY
- Quick Start Guide

NOTE: The VISION.NET GATEWAY contains no serviceable parts. Units must be replaced in their entirety. The micro SD card can be replaced (part number 46.9704.0002).

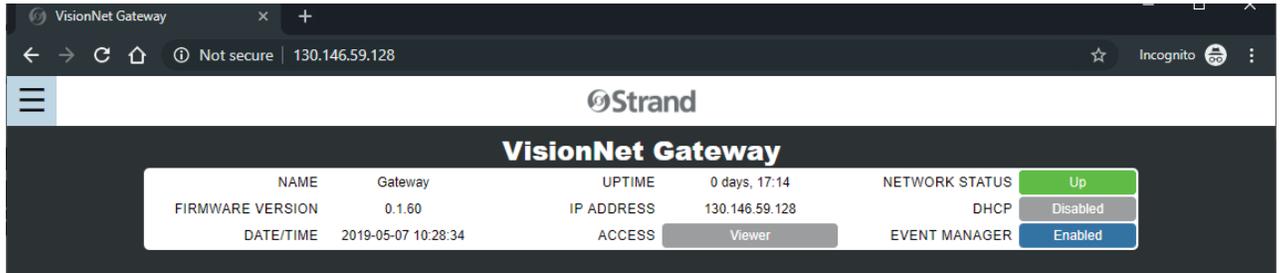
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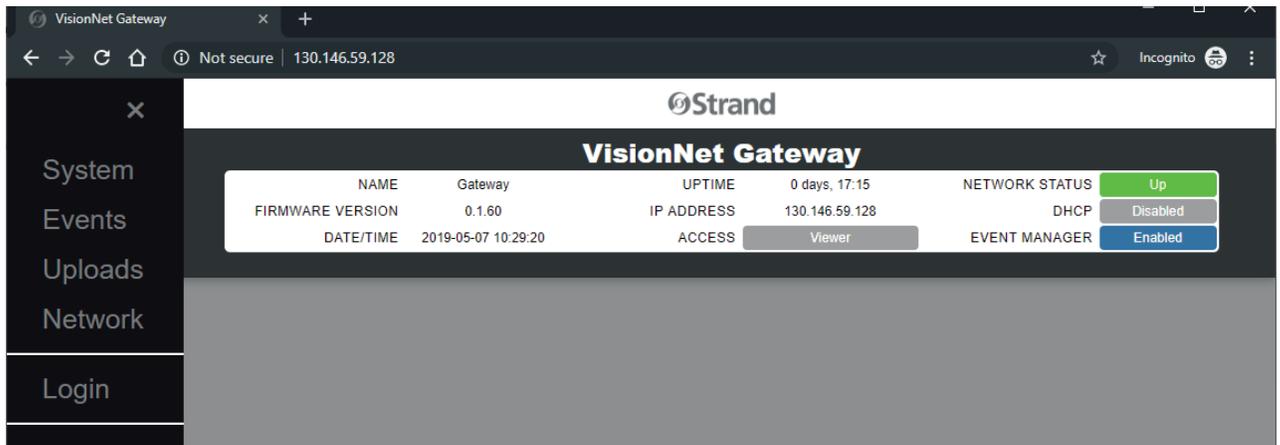
OPERATION

DEFAULT

The banner at the top of the webpage represents live data and the current state of the Gateway. All information on the banner is periodically updated and refreshed giving live status of the Gateway's DHCP settings, Event Manager settings, and Login status of the current screen access. To gain access to other editable aspects of the Gateway webpage launch the menu with the menu button (hamburger button) in the top left corner of the webpage.



Launching the menu expands a side menu area on the left portion of the webpage. Each menu option will populate and refresh the information on its own section of the webpage. This menu area will stay expanded until closed. The Main menu options are limited to: System, Events, Uploads, Network, and Login.



LOGIN

Upon accessing the webpage, the session is granted “Viewer” status. This status permits viewing of most of the available information on the screen but is restricted to no updates or changes. Any attempt to push updates to the Gateway while in “Access: Viewer” will be denied. Selecting login from the Menu will launch the Login interface. The password is limited to a 4-digit numeric code. Invalid or incorrect passwords will be denied access. orrect passwords will elevate access to either “User Admin” or “Admin” based on the password used.

The screenshot displays the VisionNet Gateway web interface. On the left is a dark navigation sidebar with a close button (X) at the top and menu items: System, Events, Uploads, Network, and Logout. The main content area has a dark header with the Strand logo and the title "VisionNet Gateway". Below the header is a white status bar containing a table of system information:

| | | | | | |
|------------------|---------------------|------------|----------------|----------------|----------|
| NAME | Gateway | UPTIME | 0 days, 17:18 | NETWORK STATUS | Up |
| FIRMWARE VERSION | 0.1.60 | IP ADDRESS | 130.146.59.128 | DHCP | Disabled |
| DATE/TIME | 2019-05-07 10:32:23 | ACCESS | Admin | EVENT MANAGER | Enabled |

The main content area below the status bar is a large grey rectangle. At the bottom center of this area, a dark box contains the text "[You now have Admin Access]".

SYSTEM

Selecting System from the webpage menu populates the System information of the webpage. This is divided up into four sections: Time & Date, VisionNet Settings, Menu Interface, and Network Config. If you have Access other than Viewer, any changes made to the system can be pushed using the Update button at the top right of this section of the page. If any errors exist in the changed data, an error message will show what information is invalid and the input fields will be outlined in red. Any changes or errors can be cleared by selecting System from the menu again and repopulating this area of the page.

VisionNet Gateway

| | | | | | |
|------------------|---------------------|------------|----------------|----------------|----------|
| NAME | Gateway | UPTIME | 0 days, 17:19 | NETWORK STATUS | Up |
| FIRMWARE VERSION | 0.1.60 | IP ADDRESS | 130.146.59.128 | DHCP | Disabled |
| DATE/TIME | 2019-05-07 10:33:29 | ACCESS | Admin | EVENT MANAGER | Enabled |

SYSTEM UPDATE

TIME & DATE

Time Zone: America/Chicago

Year (yyyy): 2019

Month (mm): 5

Day (dd): 7

Time (HH): 10

Time (mm): 33

VISIONNET SETTINGS

VisionNet Area ID: 1

VisionNet UID: 1

Event Manager:

Latitude: 32.80

Longitude: -96.85

MENU INTERFACE

LCD Backlight Level: Active Level: 1

LCD Backlight Timeout: Seconds: 60

Passcode: ****

Enable Factory Menu:

NETWORK CONFIG

IP Address: 130.146.59.128

Netmask: 255.255.255.0

Enable DHCP Server:

DHCP Pool Start: 130.146.59.2

DHCP Pool End: 130.146.59.254

[Populating System Data]

EVENTS

Selecting Events from the menu will populate the Events section of the webpage with all configured events in the Gateway's Event Manager. Events are added to the Gateway from VisionNet Designer v5.1 and above. If there are no events populated then, events have not yet been added to the Gateway. From this screen, Individual events can be enabled or disabled.

VisionNet Gateway

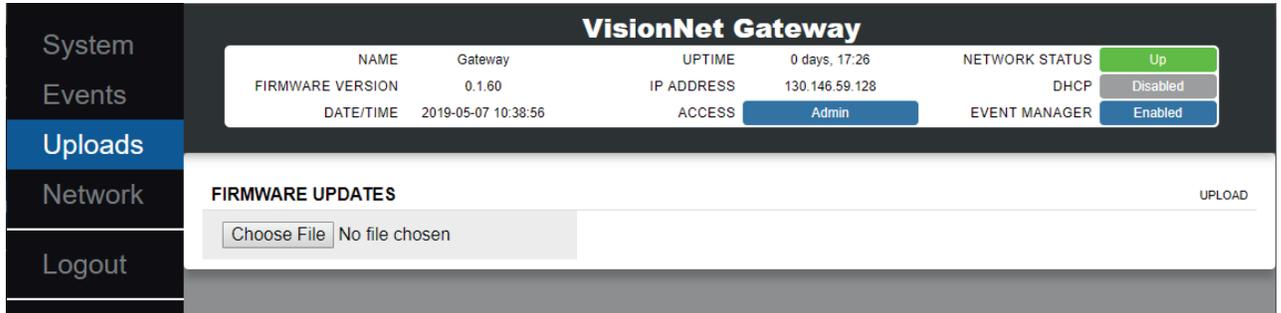
| | | | | | |
|------------------|---------------------|------------|----------------|----------------|----------|
| NAME | Gateway | UPTIME | 0 days, 0:16 | NETWORK STATUS | Up |
| FIRMWARE VERSION | 0.1.60 | IP ADDRESS | 130.146.59.128 | DHCP | Disabled |
| DATE/TIME | 2019-05-07 11:00:09 | ACCESS | Admin | EVENT MANAGER | Enabled |

EVENTS MENU UPDATE

| Enable | Name | Time | Today At | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Once |
|-------------------------------------|----------------------|------|----------|-----|-----|-----|-----|-----|-----|-----|------|
| <input checked="" type="checkbox"/> | Event Two @ 02:00 PM | | 14:00 | | X | X | X | X | X | | |
| <input checked="" type="checkbox"/> | Event One @ 02:00 PM | | 14:00 | | X | X | X | X | X | | |

UPLOADS

Selecting the Uploads option from the menu will bring you to the area where you can push new update to the Gateway from the webpage. By selecting “Choose File,” selecting the zip file you want to update to and then selecting Upload, you can push a firmware update to the gateway system. During the update process, a message will appear letting you know that the system is updating and locking you out from interacting with the webpage. This message will go away after the and the webpage will unlock after the Gateway is up and running again.

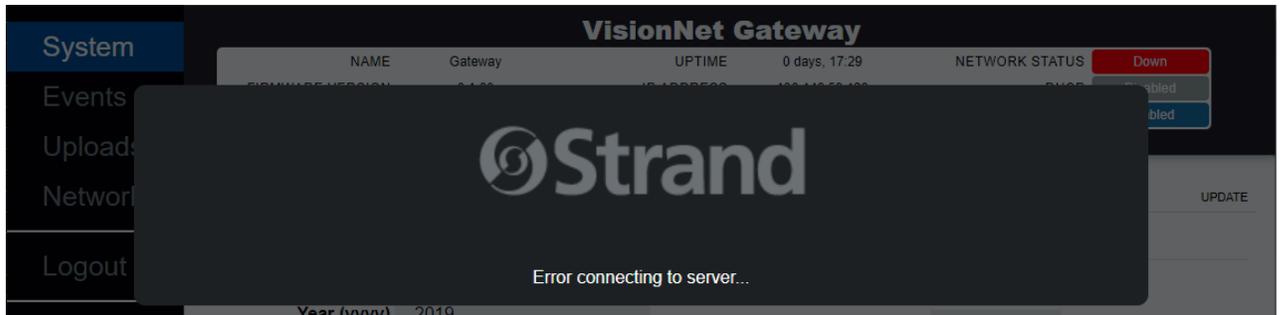


NETWORK

Selecting Network form the main menu will launch the Networking section of the webpage. This page shows available update items (zips, apks, and ntc2 files), related devices on the same network (Touch Screens, C21s, and other Gateways), and any scheduled update tasks that have not yet been run.

SERVER DOWN

If at any time the Gateway goes down while you have access to the webpage, a Server Down error will appear and lock down the webpage. This error will remain until the Gateway is up and running again. Any attempt to reconnect to the webpage while the Gateway is down will lead to a bad webpage.



AMERICAS

10911 Petal Street
Dallas, TX 75235
Tel: +1 214-647-7880
Fax: +1 214-647-8039

ASIA

Unit C, 14/F, Roxy Industry Centre
41-49 Kwai Cheong Road
Kwai Chung, Kwai Tsing
Hong Kong
Tel: +852 2796 9786
Fax: +852 2798 6546

Room 1201, Freetown Tower D
E 3rd Ring Rd S, 58
Chaoyang Qu
Beijing Shi, China
Tel: +8610-58674776
Fax: +8610-58674775

B-1-27, Dataran Cascades, No. 13A
Jalan PJU 5/1
Kota Damansara PJU 5
47810 Petaling Jaya
Selangor, Malaysia
Tel: +60 3-7611 7302
Fax: +60 3-7629 4192

EUROPE

Rondweg Zuid 85
Winterswijk 7102 JD
Netherlands
Tel: +31 543-542516
Fax: +31 543-542513

24 Sovereign Park
Coronation Road
Park Royal, London
NW10 7QP
United Kingdom
Tel: +44 020 8965 3209

OCEANIA

14H Vega Place
Rosedale
Auckland 0632
New Zealand
Tel: +64 9-481-0100



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Document no.: 02.1707.0040

Version date: May 28 2019