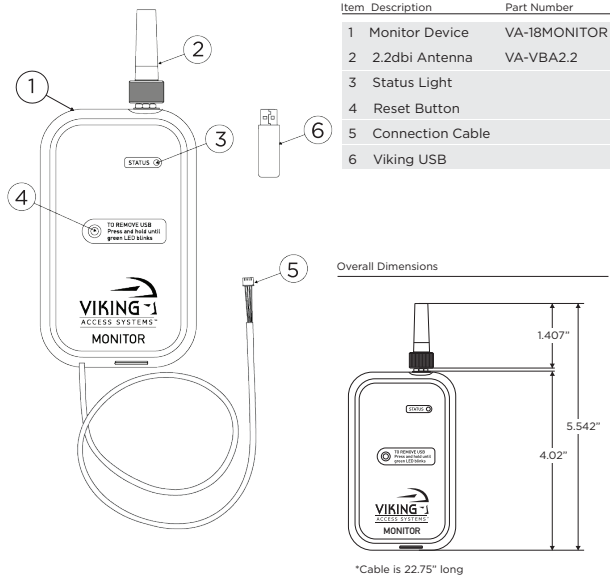


Part Explanation



Item	Description	Part Number
1	Monitor Device	VA-18MONITOR
2	2.2dbi Antenna	VA-VBA2.2
3	Status Light	
4	Reset Button	
5	Connection Cable	
6	Viking USB	



Specifications

Network Specifications

- 802.11 b/g/n 2.4 GHz
- Not compatible with 5.0 GHz networks
- No static IP Address configuration
- DHCP server must be enabled and active on network
- 3 Mb/s download , 1Mb/s upload
- This is recommended, but the Monitor can function on less.
- Under 60ms of latency to the ISP
- It will still function at higher latency, but will likely cause problems and there will be a delay when issuing commands.
- Supports WEP, WPA, and WPA2 (including WPA2-PSK-AES). It does not support WPA2-Enterprise.

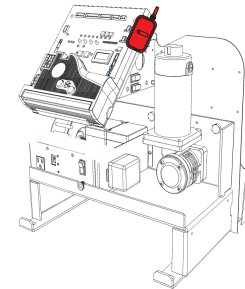
Electrical Specifications

- Current: 150mA

Recommended Placement

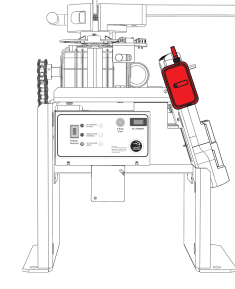
Slide Gate Operator

Insure Antenna is not parallel to metal



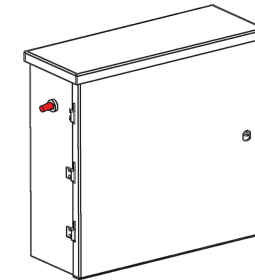
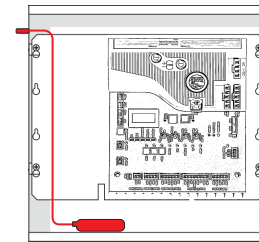
Swing Gate Operator

Insure Antenna is not parallel to metal



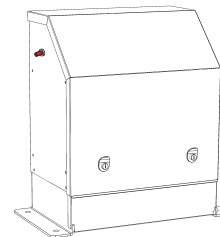
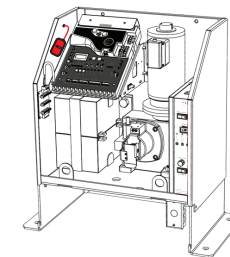
Viking ECU

Use extension cable to bring Antenna outside of the metal casing (50Ω RG174cable or better. Use RP-SMA compatible adapters)



Viking Q-7

Use extension cable to bring Antenna outside of the metal casing (50Ω RG174cable or better. Use RP-SMA compatible adapters)



Installation Instructions

MOBILE APPLICATION

1. Download Mobile App
On your mobile device download the Viking Monitor App from your Apple Store/Google Play Store

2. Create an account
Fill in requested information*

* A confirmation code will be sent to the email used to register the account, this code is needed to finalize account registration. Only one email/account can be registered to the Viking Monitor Device.

VIKING MONITOR PC SOFTWARE

1. Insert Viking USB to Computer
Download Viking Monitor PC Software from Viking USB file

2. Viking Monitor PC Software
You can also go to www.vikingaccess.com/viking-monitor for the latest update

Wi-Fi Connection

1. Turn on Bluetooth
On your mobile device, turn on your Bluetooth

2. Attach to Operator
Connect the Viking Monitor Device to the Viking Operator Control Board. Connections can be made through the "VK" or "VM" input. **

3. Reset Wi-Fi
On the Viking Monitor Device, hold down the reset button until red LED light flashes. (NOTE: Green LED light will flash for 5 seconds before red LED light flashes)

4. Add Viking Operator & Setup Wi-Fi
On the Viking Monitor App, click on + icon to add the Viking Operator and complete Wi-Fi setup

** For E-4 Gate Operator use JPI Input

Using Viking USB

1. Insert Viking USB
Re-attach the Viking USB to the Viking Monitor Device ***

2. Remove Viking USB
Hold down the reset button until green LED light flashes, then remove the Viking USB from the Viking Monitor Device

3. Open Viking Monitor PC Software
Connect Viking USB to your computer and open Viking Monitor PC Software

4. Select Viking USB
Once Viking USB is inserted into your computer, choose the "Viking USB" from the drop down menu on the Viking Monitor PC Software

*** USB Flash Drive must be inserted to the Viking Monitor Device and the Viking Control Board to collect data.

Status Light References

- STATUS** **SOLID GREEN LED LIGHT**
W/O USB: Connected to Wi-Fi
W USB: Connected to Wi-Fi & recording data
- STATUS** **FLASHING GREEN LED LIGHT**
Ready to remove USB Flash Drive
- STATUS** **SOLID RED LED LIGHT**
Waiting for Wi-Fi connection
- STATUS** **FLASHING RED LED LIGHT**
Resetting Wi-Fi connection

Recommendations

- Requires strong connection to Wi-Fi
- Place antenna away from Metal.

Trouble Shooting FAQ

Q: I've entered my Wi-Fi credentials, the app said "Operator Added Successfully" but it is stating the monitor is off-line.

A: Ensure that the Wi-Fi Credentials are entered precisely correct, including capitalization, punctuation and spacing. Additionally, ensure that the Wi-Fi Credentials are for a 2.4GHz network; the Monitor is not compatible with 5GHz signals. Usually, routers will have both 2.4GHz and 5.0GHz networks. Consult a network specialist if you do not know how to check this.

Q: I'm in front of the unit and the red light is illuminated on my Monitor but the app says "No Viking monitor device found"

A: Turn on the Bluetooth setting on your phone

Q: Where do I plug the monitor in on the E4 board? JP1 or JP2 and in direction of the pins?

A: It connects to JP1 with the red wire from the Monitor connecting on the P1 pin

Q: Is there a way to run a hardwire internet connection to the Monitor instead of Wi-Fi

A: No, it is only Wi-Fi compatible

Q: If I don't have internet connection where my unit is located can it still record data via the USB?

A: Yes

Q: Can multiple people register the Monitor with their own email and password?

A: No, the Monitor is only allowed to be registered to one email account; Keep in mind that anyone that has access to that account will be able to change the password and any other settings.

Q: How can I extend the range of the Viking Monitor?

A1: Remove possible obstructions (metal, high voltage wires, etc.), or install a 2.4GHz Wireless Access Point between the router and the Monitor

Q: Can I close the gate while I have a toggle code active?

A: No, the device cannot override other commands which hold the gate open.

Q: Can I monitor the gate via Wi-Fi on my desktop computer?

A: No. However, you can collect/record data onto a USB dongle and then plug that into your desktop computer and view the recorded data.

Q: Is the Viking Monitor compatible with all Viking control Boards?

A: No. Viking Monitor is compatible with all V-Flex control boards and E-4 control board.

Q: Can I use the Viking Monitor with other manufacture gate operators?

A: No. Only Viking Access Systems gate operators.

Q: I keep getting e-mail notifications even though I've turned it off in the app. How do I stop getting notifications?

A: Notifications will come through if they are enabled on any device. Make sure it is turned off on for all devices logged into the account.

Q: Can I use my own USB?

A: Yes, make sure to change the name to "VIKING USB"

Warranty

1 year coverage

Note: Viking must inspect all returns to determine warranty coverage. Viking may not be responsible for damages due to weather, abuse, or gross neglect



VIKING MONITOR

Installation Guide