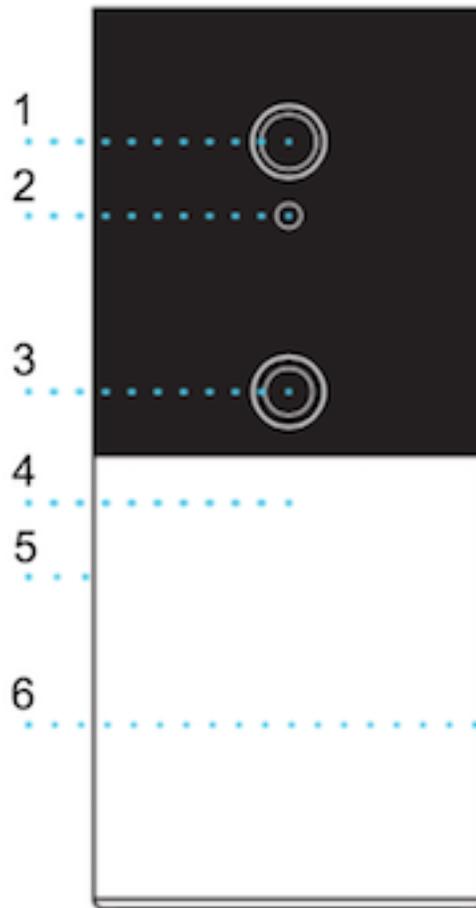


The Iota is an all-in-one home security and automation gateway that includes a built-in HD camera, motion sensor, two-way voice communication and robust smart home functionality.

Featuring support for all abode RF 433Hz devices, and 3rd party support Z-Wave™, and ZigBee devices listed on the list of supported device list. Iota provides voice control via Amazon Alexa and Google Assistant, Iota delivers a complete DIY security solution in one compact device while allowing you to place it anywhere in your home with Wi-Fi connectivity.

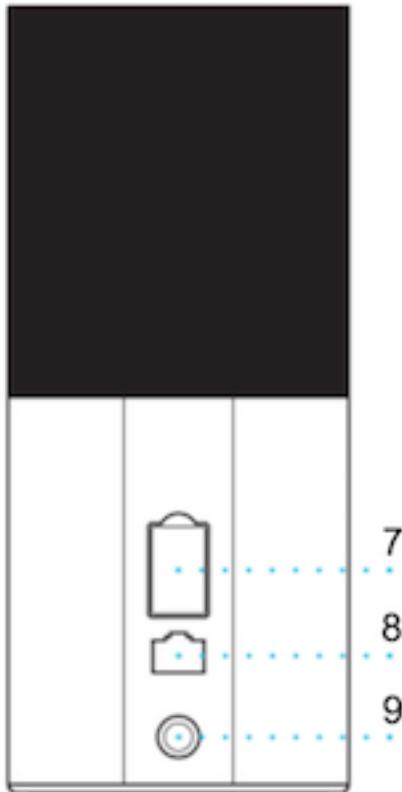
Parts Identification



1. IP Camera
Field of View: 152° diagonal; 127° horizontal; 67° vertical
2. Ambient Light Sensor
3. Motion Sensor (PIR)
4. **Status LEDs**
Power Up Process- White Fade
Standby- White Solid
Home Mode- Blue Solid
Away Mode- Amber Solid

Alarm triggered- Flashing Red
System Fault- Green/White Fade
Learn/Inclusion Mode- Green Pulse
Alarm in Memory- Red/White Fade (To reset - Arm then Disarm)

- 5. Microphone
- 6. Speaker (side)



7. **Micro SD mem card slot** (4gb to 32gb for IP camera video capturing, not included) & SIM card slot for cell backup (SIM card is Included)
When a Micro SD mem card is installed, the IP camera will detect movement and record a video clip onto the SD mem card. The IP camera detects movement when a pixelization change in its image occurs which can be anything from a lighting change & shadows, a person walking, or an overhead fan running are just a few examples of what can trigger this type of camera sensor. This pixelization detection will not trigger any type of alarm or notification, the captured video clip is only stored on the SD mem card. Currently the only way to view these motion captured video clips, is to remove the SD mem card and place it into a computer to review the clips that are date time stamped. When the SD mem card is full, the new video clips will overwrite the oldest ones. This pixelization detection built into the iota IOP camera is not to be confused with the iotas PIR Motion sensor located below the camera lens. (See # 3 on parts identification image)

- 8. Ethernet port

9. AC Power

iota Power

An AC power adapter is required to connect to a AC wall outlet. Be sure only to use an adapter with the appropriate AC voltage rating to prevent component damage. DC 12V 2A switching power output adapter is used to power the iota.

Rechargeable Battery

In addition to the adapter, there is a rechargeable battery inside the iota, which serves as a backup in case of a power failure. During normal operation, the AC power adapter is used to supply power to the iota and keep its battery charged.

Slide the Battery Switch to the ON position to activate and charge the battery. It takes approximately 72 hours to fully charge the battery.

Z-Wave™

Using Z-Wave's proprietary frequency, iota is able to communicate with and control devices from different manufacturers across multiple categories within the Z-Wave network. If you require devices at a range of more than 600 feet from your iota then you can utilize non battery-powered Z-Wave devices as signal repeaters to extend the range of your system. As long as it is a compatible Z-Wave device, it will work with iota and as a signal repeater (provided it is not battery powered).

Z-Wave Inclusion

To include a compatible Z-Wave product to iota, simply navigate to the abode mobile or web app, select "add device", then select "Other Devices". Your gateway will now be in inclusion mode and able to pick up any Z-Wave devices also placed into inclusion mode per the manufacturer's instructions. You may also enable Z-Wave Exclusion mode while in inclusion mode to avoid detecting any Z-Wave devices.

You may also enable Z-Wave Exclusion while your gateway is in inclusion mode to avoid detecting any Z-Wave devices.

Z-Wave Exclusion

The exclusion only takes the step of setting the device into exclusion mode.

Factory Resetting

To factory reset iota follow the steps below. Please use this procedure only when the network primary controller is missing or otherwise inoperable.

- Step 1. Disconnect the AC adaptor, slide battery switch to OFF.
- Step 2. Press and Hold the right side hidden button located behind the white fabric below the camera lens.
- Step 3. Continue Holding and connect the AC adaptor to the Control Panel.
- Step 4. Keep holding the reset button for a full minute then release. After ~30 seconds, the Iota will restart. (you will see the LEDs flash and some beeps)
- Step 5. Wait for 1 full minute for the reset and re-connection to complete.

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IOTA Information

The DSK information of Iota is stored in the QR code format that is printed on a label adhered to the bottom of the device:

Z-Wave DSK QR Code



DSK: 55745-38197-24124-49284-28188-05926-30655-64396

IOTA Firmware information	
Library Type	Bridge Controller
Protocol Version	6.2
Application Version	6
Application Sub Version	2
FliRS Device	No
Sleeping Device	No

IOTA Device information	
Generic Device Class	Static Controller
Specific Device Class	Gateway

Command class 0x86 - COMMAND_CLASS_VERSION ver.2
 Command 0x12 - VERSION_REPORT R2 Select

Z-Wave Library Type	07
Z-Wave Protocol Version	06
Z-Wave Protocol Sub Version	02
Firmware 0 Version	06
Firmware 0 Sub Version	01
Hardware Version	01
Number of firmware targets	03
vg	+ -
vg	+ -
Firmware Version	02
Firmware Sub Version	51
vg	+ -
Firmware Version	01
Firmware Sub Version	00
vg	+ -
Firmware Version	01
Firmware Sub Version	00

IOTA Supported Command Classes

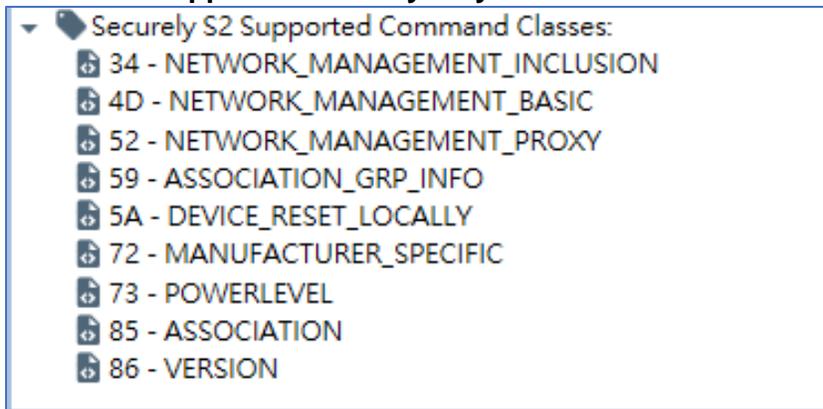
Gateway Mandatory Command Classes			
Support	Ver.	Control (refer to 3.6.3)	Ver.
Association	2	Association	2
Association Group Information	3	Basic	2
CRC-16 Encapsulation	1	CRC-16 Encapsulation	1
Device Reset Locally	1	Multi Channel	4
Inclusion Controller (if CSC)	1	Multi Channel Association	3
Manufacturer Specific	2	Security 0 (S0) (if CSC)	1
Power Level	1	Security 2 (S2) (if CSC)	1
Security 0 (S0)	1	Wake up (if CSC)	2
Security 2 (S2)	1		
Supervision	1		
Transport Service	2		
Version	2		
Z-Wave Plus Info	2		

Supported Command Classes			
Support	Ver.	Control (refer to 3.6.3)	Ver.
Network Management Basic	2	Switch Binary	2

Network Management Proxy	3	Configuration	2
Network Management Inclusion			

NIF Must supported Command Classes			
Support	Ver.	Control (refer to 3.6.3)	Ver.
Application Status	1		
CRC-16 Encapsulation	1		
Inclusion Controller	1		
Multi Command	1		
Security 2	2		
Supervision	1		
Transport Service	2		
Z-Wave Plus Info	2		

Command supported securely only when it is included into another network



The support of the Association CC information:

One group is supported.

One node is supported.

The purpose of this group: lifeline