

Voice control is the next iteration in the connected home – i.VA is the device that makes it a reality

i.VA[®]

INTELLIGENT VOICE / VIDEO ASSISTANT

i.VA innovative design (patent pending) to fit with the regular construction light switch electrical box mounting on construction lumber, the design of i.VA is a completely different mindset than any other voice device in the market today, it is simple as you install a light switch on the wall. i.VA doesn't require an AC adapter power sourcing from the outlet. The unique concept of i.VA makes the voice becomes part of the house delivering the new cord cutting concept essentially transforms the house into a smart device by itself - A voice supported house. i.VA is compliant with ADA builder requirements.



i.VA Voice Assistant



- Embedded into the house during the construction phase
- TRI-Artificial Intelligence system with facial, voice recognition and body temperature with motion detection
- Cord Cutting Technology, no additional cables or AC adapters needed, increasing the aesthetics of the house
- Hands Free simply controlled by voice turning the entire house into a voice activated house

INNOVATIVE TECHNOLOGY

i.VA integrated with the latest voice speech recognition technology, "Human Parity" is achieved. i.VA can transcribe conversational speech — or at least, as best as professional human transcriptionists (which is better than most). Based on the new partnership with Microsoft and Amazon Alexa, i.VA users will be able to manage their Amazon Alexa devices through i.VA with a simple command, "Hi, i.VA, open Alexa". Talk to your house with i.VA's voice-activated smart-house system. Whole house voice activation, not just when in front of a device.

BUILD THE HOUSE OF THEIR DREAMS

IoT 2-way Messaging is enabled when the THERMORING[®] is paired with Tri Cascade's BRIGHTConnect APP integrating seamlessly with both Amazon Alexa and Google Home. This device-to-cloud connection allows real-time readings such as current temperature and humidity. The App can receive notifications providing instant feedback on current conditions. The user can then send commands to alter the environmental controls from anywhere in the world.

STRESS FREE

i.VA provides the added innovative security concept that is priceless in today's world. Utilize i.VA's Microsoft VISION A.I technology to create a database so that i.VA can get to know your family members. By utilizing voice and facial recognition, along with human body temperature detection, i.VA can not only distinguish various individuals, but also identify potentially dangerous hazards, such as a fire or a home invasion. Thus, alerting the consumer. i.VA's TRI-intelligence system determines whether the system should be set as "AWAY" or "AT HOME" mode. Live comfortably without the worry of programming, memorizing, or completing any complex routines to get your house to function properly.



Tri Cascade[®] Inc
Taking Internet of Things Further

SPECIFICATIONS

i.VA Hardware Specification

Wi-Fi MT7688 802.11n

- Operation system: GNU/Linux based OpenWrt
- Wi-Fi Network: Support Legacy 802.11b/g and HT 802.11n modes
- Expansion: Two expansion headers for I2C, GPIO, for control LED and get motion sensor state

Voice Far Field ZL38067

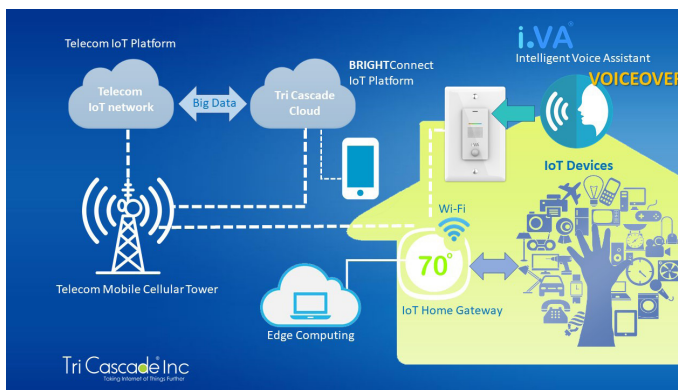
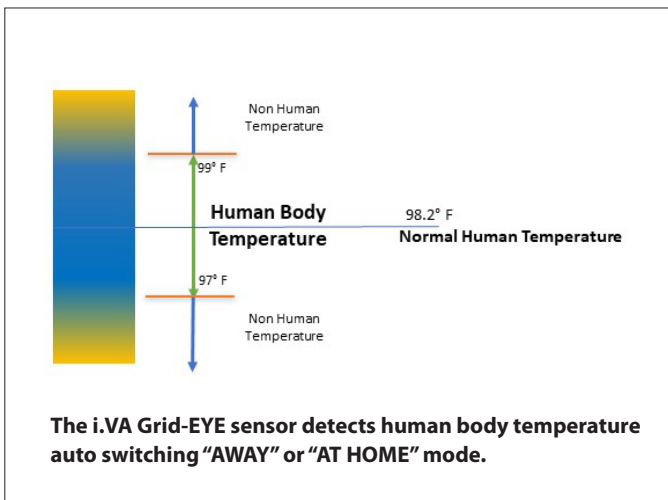
- Microphones: ST MP34DT01TR-M
- Sensitivity: -26 dBFS (Omnidirectional)
- Acoustic overload point: 120 dB SPL
- SNR: 63 dB
- Max Sample Rate: 16KHz

4 programmable RGB LED indicators

Active Thermal Sensor Grid-EYE is an 8x8 (64) pixel infrared array sensor

Input Power AC110~240 50/60Hz

Integrate i.VA during the construction stage



Patent Pending