iDter
INTELLIGENT DETERRENCE

A new and highly effective solution to illuminate, monitor, and actively deter intruders on your property.

Niō Guardian and Protector

How It Works

1
Place Niō guardians around your property

2
Niō guardians use artificial intelligence (AI) to automatically detect intrusions

3
Niō guardians take immediate action to deter the intruders with:

> Instantaneous blasts of flood lights

> Intimidating voice-down messages and audio sound effects

> Blinding strobes of red & blue LEDs

> Piercing 120 dB (max) sirens

> Orchestration of the above actions across multiple Niōs

iPad & iPhone Apps with Recordings

4
Intrusions are verified and alerts with event recordings are sent to your iPhone, iPad, or Android phone

5
iDter monitors events to ensure the deterrence actions were successful

6
If the Niō deterrence is not successful, iDter dispatches the authorities and directly engages the intruders

7
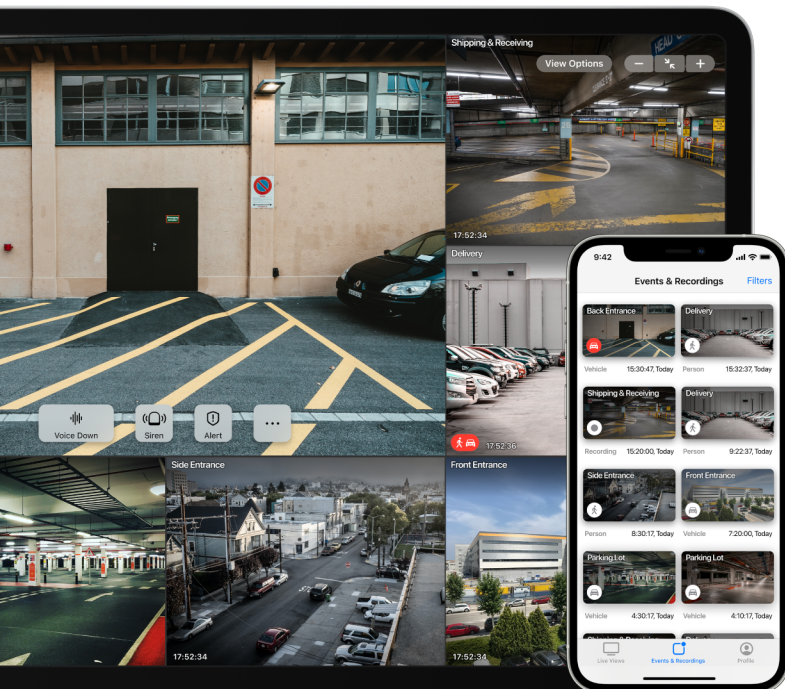All recordings, deterrence actions, and % deterrence metrics are available to you online

8
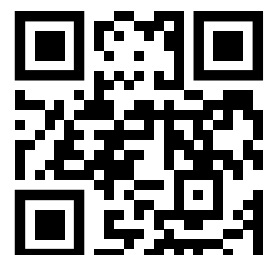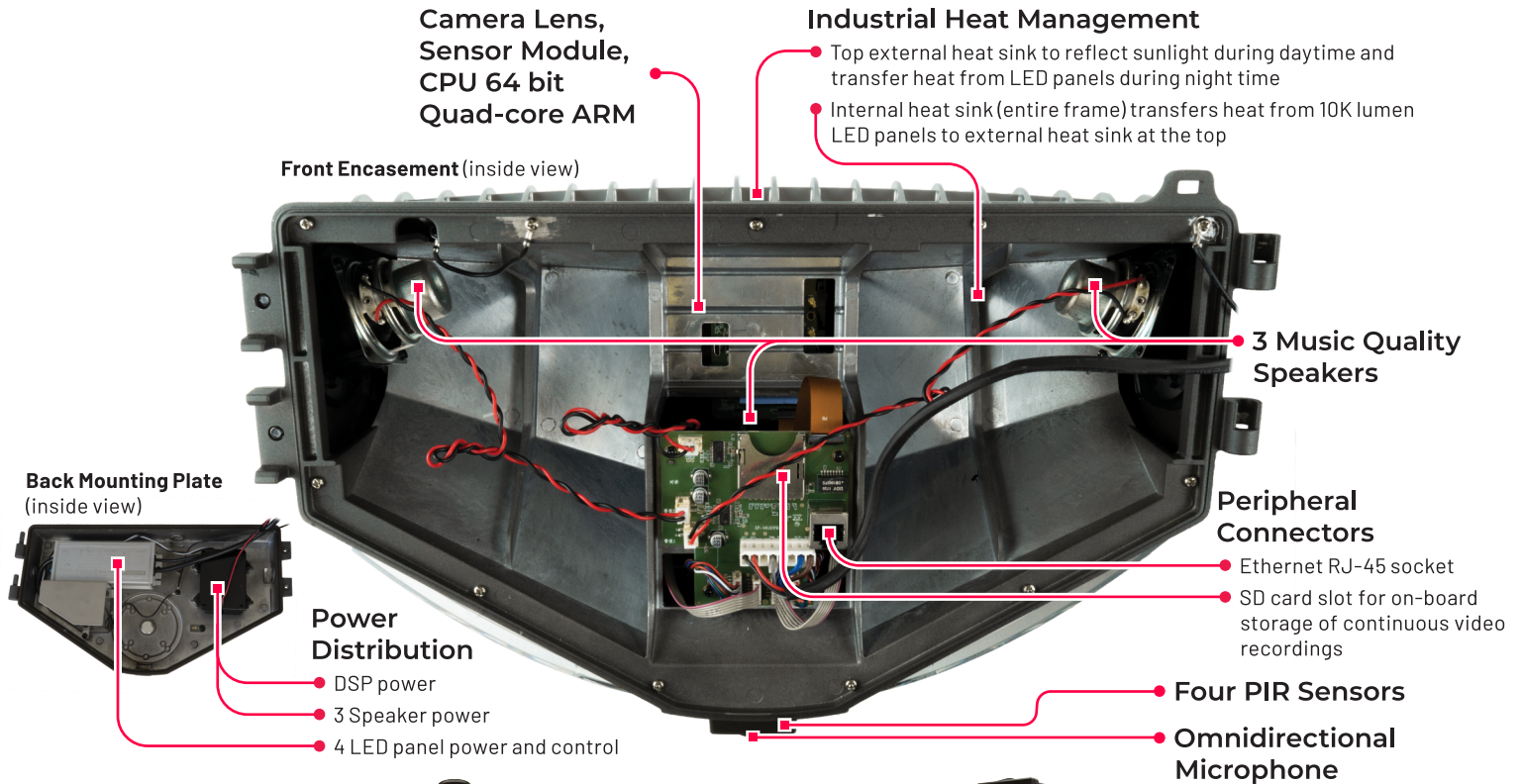iDter continually monitors and optimizes the system performance

What is Required

> Power for the Niō guardians: 120-240VAC, 277VAC; 100 W max usage

> Networking via WiFi or Ethernet and Internet access

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Download on the **App Store**

GET IT ON **Google Play**

Niō Hardware Technical Specifications

Camera Lens, Sensor Module, CPU 64 bit Quad-core ARM

Industrial Heat Management

- Top external heat sink to reflect sunlight during daytime and transfer heat from LED panels during night time
- Internal heat sink (entire frame) transfers heat from 10K lumen LED panels to external heat sink at the top

Front Encasement (inside view)

3 Music Quality Speakers

Back Mounting Plate (inside view)

Peripheral Connectors
- Ethernet RJ-45 socket
- SD card slot for on-board storage of continuous video recordings

Power Distribution
- DSP power
- 3 Speaker power
- 4 LED panel power and control

Four PIR Sensors

Omnidirectional Microphone

Dimensions and Weight			
Width:	16.1" (408 mm)	**Depth:**	11" (278.5 mm)
Height:	10.4" (264 mm)	**Weight:**	12 lbs (5.44 kg)

Camera, Microphone and Siren

- 4K HD resolution with wide-angle lens
- Field of Vision: 157° diagonal; 133° horizontal; 72° vertical
- Camera axis tilted down 30°
- Camera rotational freedom: 20° in all directions (up, down, right, left)

- IR night vision with 30+ foot range
- SD card included for edge storage of continuous recordings (2 weeks of HD video or 1 week of 4K resolution)
- Omnidirectional microphone
- 120 dB piercing siren

Motion Sensors

Long range sensor: >180° field of vision and 70 foot range
Down sensor: 30° off vertical and 15 foot range

LED Flood Lighting

- White 7,000 lumens general lighting (dimmable)
- Up to 10,000 lumens maximum for deterrence floodlight
- Color tunable from 3,000-5,000 Kelvin (warm white to daylight)

Red/Blue Strobing LED Lighting

Red and Blue strobes: 1,000 lumens each color

- 4Hz Strobe frequency
- Dimmable

Communication

WiFi: 5GHz and 2.4 GHz
Optional external WiFi antenna

Ethernet RJ-45 jack
Bluetooth

Environmental
- Ambient temperature range: -40°F (-40°C) to 125°F (52°C)
- IP65 (6-dust and 5-water resistance)
- FCC certified
- ETL listed
- CA Prop 65 compliant

Installation and Power
- Standard Wall Pack
- 120-240 VAC; 277 VAC
- 100W max power

★ **NDAA compliant** All iDter products are fully compliant with the requirements of the US NDAA (National Defense Authorization Act) of 2018.

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