

Niō—the Intelligent Guardian and Protector

iDter provides an automated and fully integrated security solution that is proven to foil 98% of intrusion without the delays of human intervention. 98% deterrence without video monitoring or security guards. How is this possible?

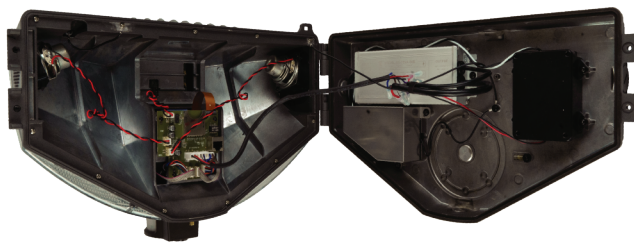


Through our innovation: Niō... the intelligent guardian and protector.

iDter’s new product is an intelligent, quad-core Niō guardian node designed to recognize intrusion and take immediate and effective deterrence actions that surprise intruders and defy predictability. Just as the historic Niō guardians stood guard outside and protected temples, our Niō nodes are designed to stand guard in all weather conditions and protect against intrusion. A network of Niō nodes **guard** your premise with 10,000 lumen multidirectional LED

lighting, a 4K high definition digital camera, and multiple motion detectors, and **protect** with a rich set of immediate deterrence responses including instantaneous illumination with bright 10,000 lumen flood LEDs, blinding strobes of red and blue LEDs, piercing sirens, and situation-appropriate voice-down warning messages.

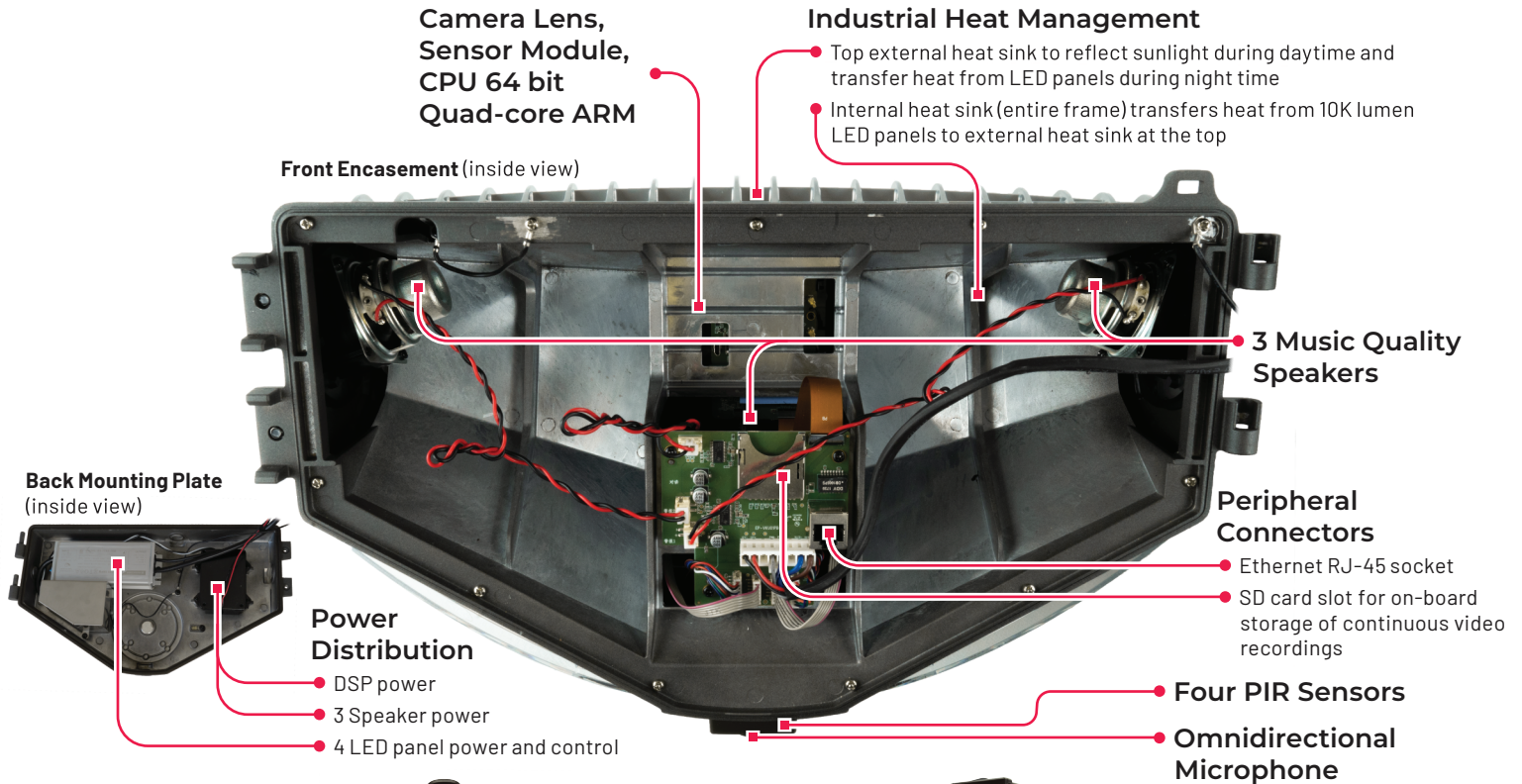
For over a thousand years, gigantic, rugged statues called Niō, have stood guard conspicuously at entrances to temples in Asia. Everything about them—fierce expressions, taut musculature ready for action, deadly weapons at the ready, outthrust hands in warding off gestures—is designed to **deter** evil and protect the good. iDter’s Niō is truly a Niō for our times!



Front Encasement:	Injection Molded Polycarbonate (Plastic Pigment +Surface Texture)
Back Mounting Plate:	Cast Aluminum (powder coated)
Top Heat Exchanger:	Cast Aluminum (powder coated Glossy Surface for sunlight reflection)
LED Flood Light Protective Covers:	UV protected Polycarbonate

Technical specifications

Niō Hardware Technical Specifications



Dimensions and Weight



Width: 16.1" (408 mm)
Height: 10.4" (264 mm)



Depth: 11" (278.5 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 (dimnable)
- 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

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
- Niō-AC: 120-240 VAC; 277 VAC
- Niō-PoE: IEEE 802.3 bt compliant PoE++ with 90 watt injector



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



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