



Athena

Datasheet





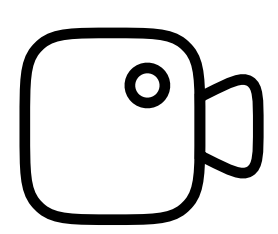
Athena

A Surveillance Sentinel

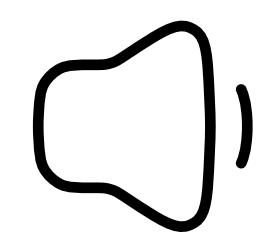
Welcome to the world of advanced surveillance and security with Athena, our dynamic Surveillance Robot System. Athena is not just a robot; it's your vigilant surveillance companion, designed to enhance your security operations and ensure peace of mind. Athena's advanced features and cutting-edge technology combine to offer an array of benefits, providing comprehensive surveillance, real-time threat detection, and improved incident response.

Athena becomes an integral part of your security framework, enhancing your surveillance capabilities like never before. Whether you're safeguarding corporate campuses or monitoring shopping malls, Athena is here to exceed your security expectations.

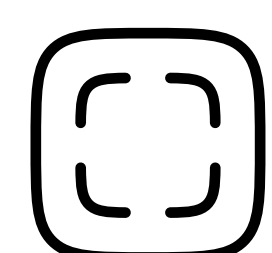
Key Features



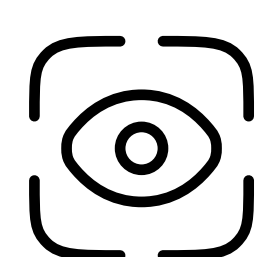
360° Ultra
HD Recording



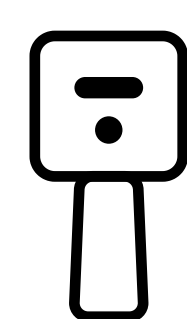
Live Audio with
Two-way Intercom



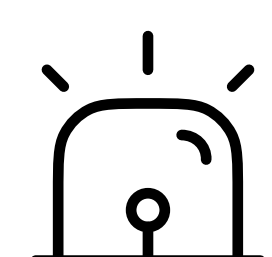
Precise AI-based
People Detection



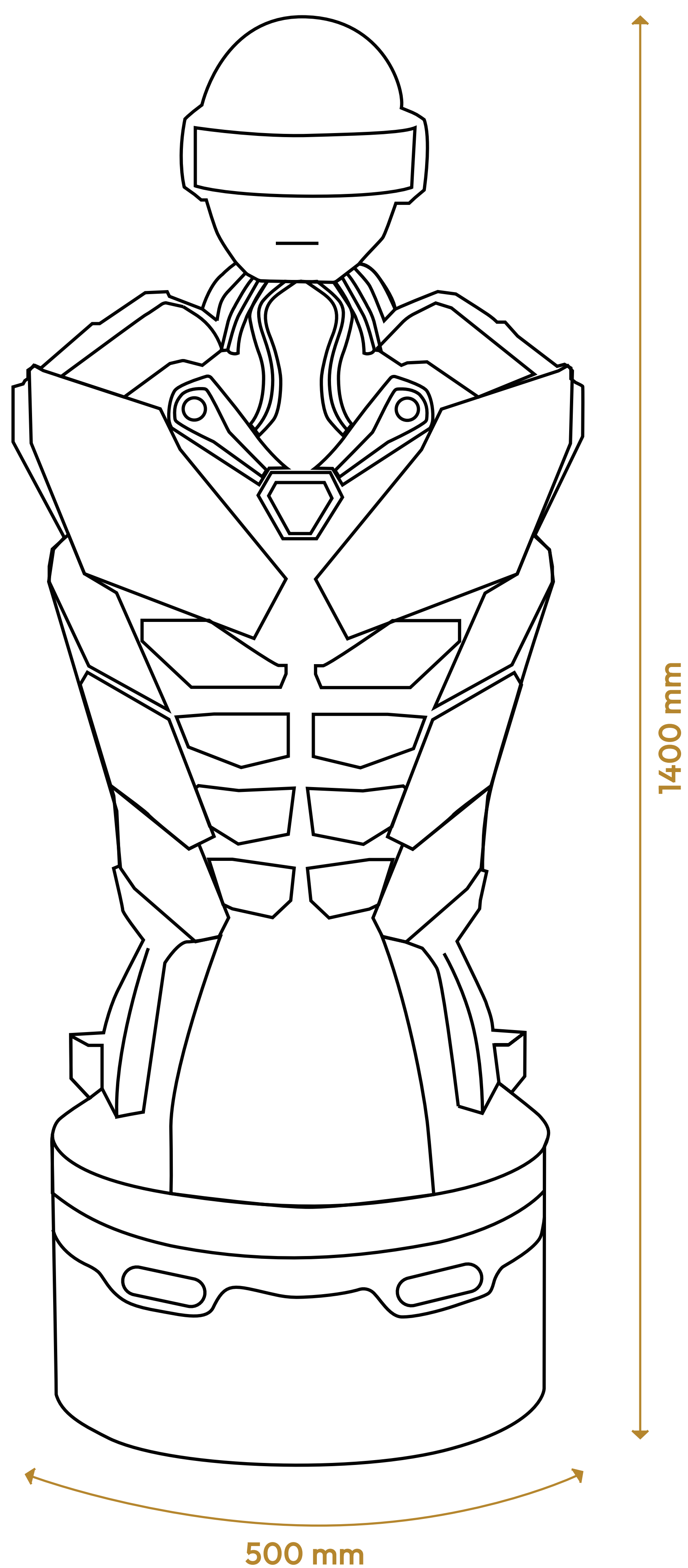
Automatic License
Plate Recognition



Thermal
Imaging Detection



Security
Call Button



Physical Specifications

Color	Black
Weight	≈55 Kgş
Chassis	3mm, 4mm Mild Steel
Suspension	Aluminium
Body	Thermoplastic

Power and Battery Systems

Athena's power and battery systems are meticulously designed to ensure continuous, uninterrupted surveillance in various environments. Also, the charging station's default power-off feature enhances safety by activating power only during the robot's recharging process, preventing unexpected situations.

Battery Type	Lithium-Ion 25.6V/20Ah
Battery Life	10+ hours
Power Adapter	Input: AC110-240V, 50/60Hz, Output: DC25.6V 7A
Overcurrent Protection	Yes
Intelligent Power Management	Yes
Power Button	Yes



Advanced Camera & Speaker System

Experience cutting-edge surveillance and communication capabilities with Athena's advanced camera and speaker system.



360° Eye-level Ultra HD recording

Athena's Vision and Mobility System integrates advanced camera technology, providing comprehensive 360-degree surveillance, even in challenging lighting conditions.

Particulars	Quantity	Details
Ultra HD Camera	4 Nos.	Sony Block Camera 18x Zoom
Thermal Camera	1 Nos.	10 to 550 °C range, Wide Angle
Integrated Microphones	4 Nos.	4 mic array microphone system
Amplified P.A. Speaker/Horn	1 Nos.	9W Speaker
Strobe Light for Alert Signaling	1 Nos.	12V



Thermal Imaging Detection

Athena's advanced thermal imaging capability ensures accurate surveillance even beyond obstacles.



Vision & Mobility System Specifications



Live Two-Way Intercom

Athena's live audio system with a two-way intercom allows for seamless real-time communication, ensuring immediate response to security incidents and facilitating effective collaboration among security personnel.

Navigation

Motor Driven	6.5-inch Hub Motor
Gyro	Single axis high precision attitude sensor
Mapping & Navigation	Dual SLAM Technology
Max Speed	Up to 5 mph

LIDAR Sensors

Type	Single line lidar
Wavelength	905nm
Working area	270 degrees
Range	25 mts

Camera

Type	Dual Depth Camera System
Resolution	Up to 1280 x 720
Frame rate	90 fps
Range	Up to 10 mts
Pixel resolution	2 MP, RGB sensor

Button

One Touch Telecommunication	Yes
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Other Technical Specifications:

Processing System

CPU	Intel® Core™ i5 Processor
OS	Linux
Hard Disk	256 GB High-Speed SSD
Memory	16GB RAM
Built-in clock	RTC

Navigation System

CPU	Intel® Core™ i5 Processor
OS	Linux
Hard Disk	32GB High-Speed SSD

Other Specifications

Wi-Fi Support	Dual-Band (2.4GHz & 5GHz)
External I/O Port	Micro USB 2.0 RJ45 Network Port HOST*3
Language	English

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