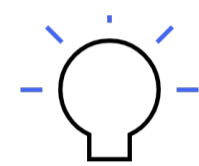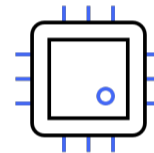# ✦ Lumana LB800

Bullet Camera

8MP, Indoor/Outdoor

8MP image sensor delivers sharp 4K, 3840 x 2160 video resolution

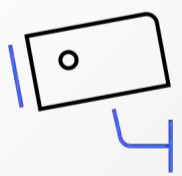50m / 164ft infrared illuminators for greater nighttime visibility

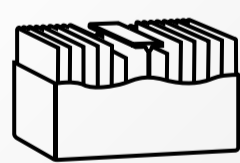Real-time AI processing and minimal bandwidth impact (~100 Kbps)

Ready for any environment with IP67 weatherproof and IK10 vandal-resistance

Lumana open, hybrid-cloud architecture

Any IP camera

Lumana Core

Lumana Cloud

Remote access

Camera agnostic

Open platform provides powerful AI analytics to any security camera for greater situational awareness and operational efficiency.

Actionable intelligence

Generative AI adapts to your environment, predicts anomalies, and triggers automatic alerts and responses for proactive security management.

Infinitely scalable

Easily manage unlimited cameras, locations, and users from one platform and utilize AI to empower your team to do more with fewer resources.
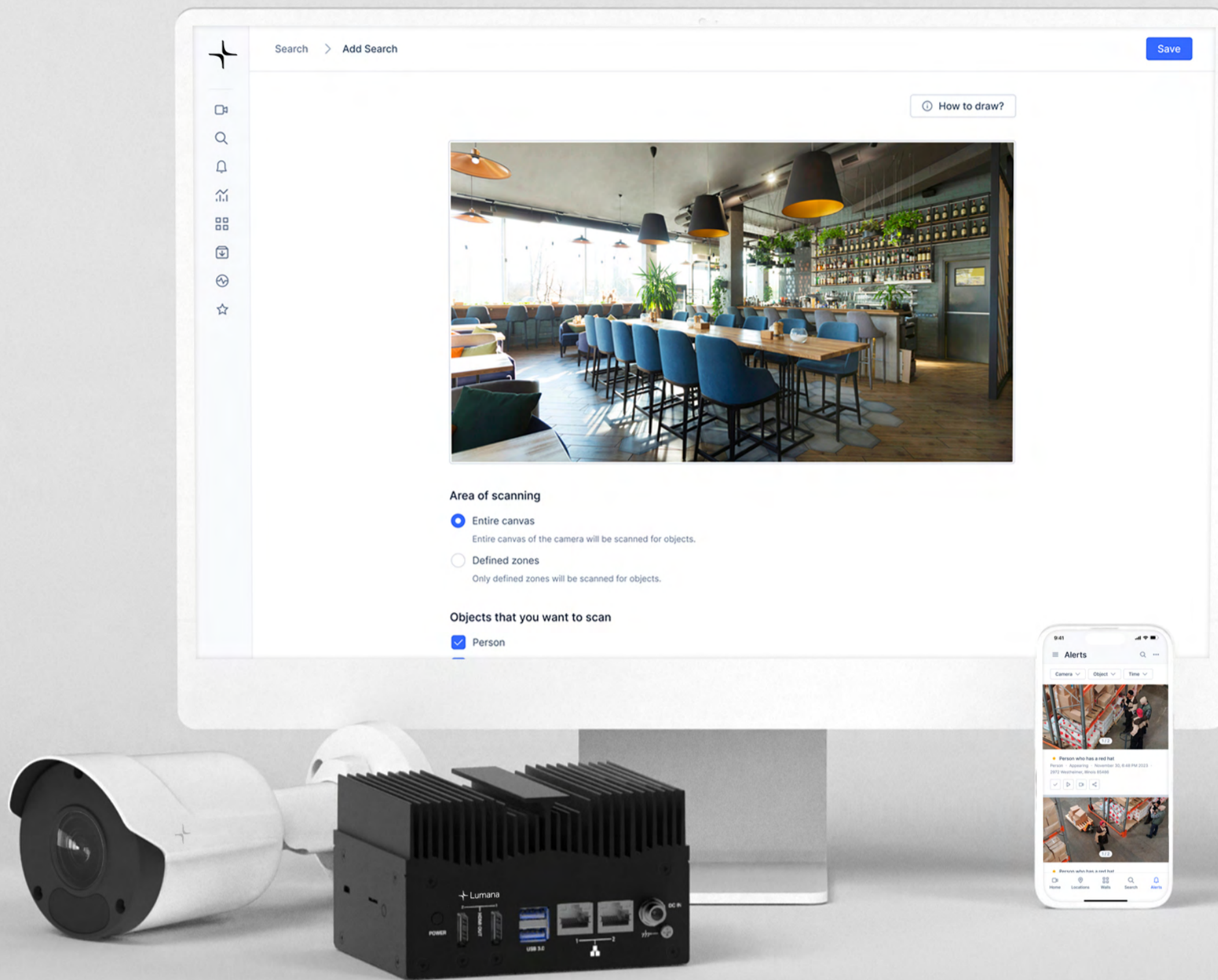
Modern system management
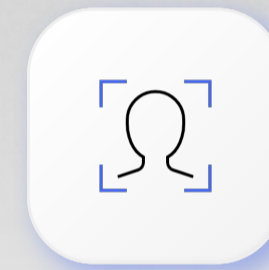
Designed for easy deployment and enhanced reliability, Lumana delivers the best from on-premise and cloud solutions for a modern and refined security experience.

- Centralized management and secure remote access
- Plug-and-play setup — integrate visual AI in minutes
- Automatic updates and system health monitoring

Next-generation AI features

Patented AI and machine learning algorithms empower your team to operate more efficiently by delivering unparalleled visibility and new business insights at scale.

- Receive real-time alerts for immediate response
- Find people or vehicles of interest in seconds
- New AI features and system upgrades at no cost

190mm

73mm
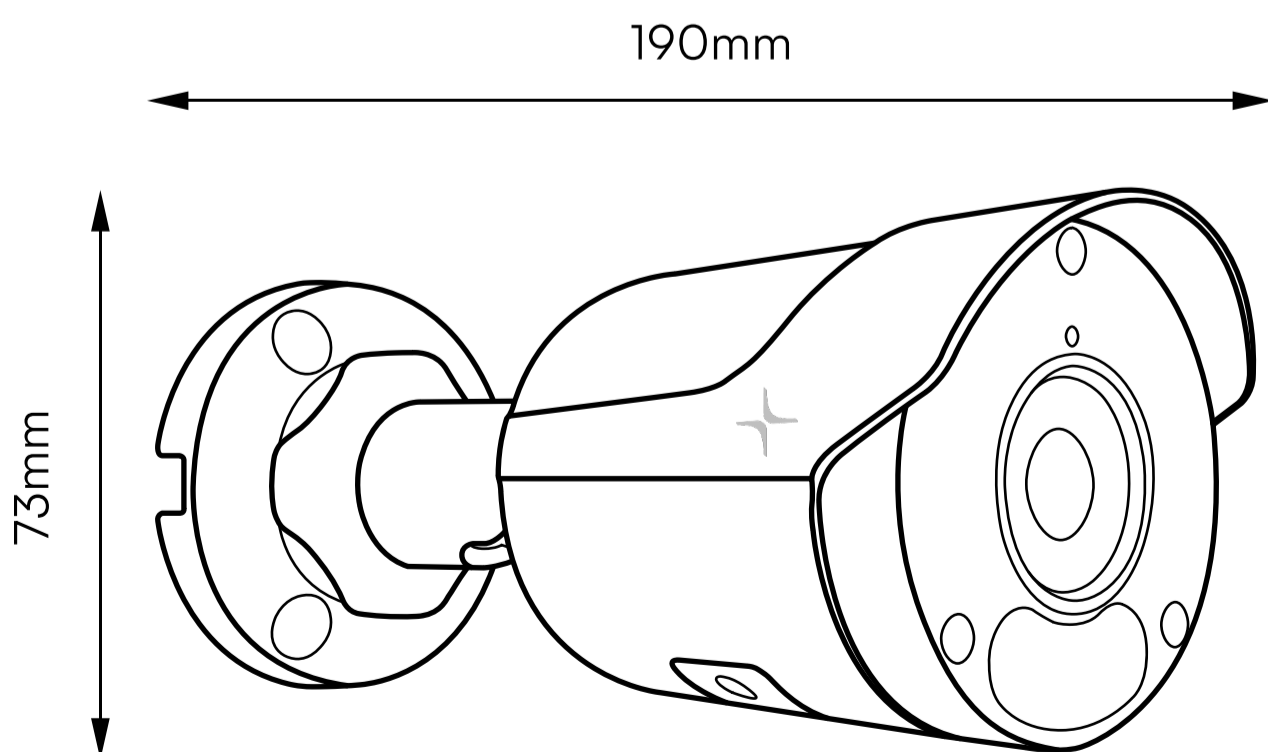
Dimensions
190 x 73 x 71mm (7.5" x 2.9" x 2.8")

Weight
0.45kg (0.99lb)

Body
Metal

Warranty
Lifetime*

Operating temperature
-30°C ~ 60°C (-22°F ~ 140°F)

Humidity
≤95% RH (non-condensing)

Ingress protection
IP67

Vandal resistance
IK10

Certifications
NDAA, FCC Part 15, EN 60950-1, UL60950-1, IEC 60950-1

Camera Features

Image sensor	1/2.7", 8.0 megapixel, progressive scan, CMOS	**Field of view**	H: 112.9° V: 59.1° D: 121.2°
Sensor resolution	3840 x 2160px	**Sensor movement**	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotate: 0° ~ 360°
Lens type	Fixed-focal	**Shutter speed**	1 ~ 1/100000s
Focal length	2.8mm	**Day/Night**	IR-cut filter with auto switch (ICR)
Aperture	F1.6	**IR range**	Up to 50m (164ft)
Iris	N/A	**WDR**	120dB

Standard Video Settings

Compression	Ultra 265, H.265, H.264, MJPEG	**Historical video settings**	Dynamic Storage**
Frame rate	Max 30fps / Min 20fps	**White balance**	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Bitrate	128 Kbps~16 Mbps	**Digital noise reduction**	2D/3D DNR
9:16 corridor mode	Supported	**Flip**	Normal/Vertical/Horizontal/180°/90°Clockwise/90° Anti-clockwise

Standard Audio Settings

Audio	Supported	**Interface**	Built in microphone

Power and Network

Power input	DC 12V±25%, PoE (IEEE 802.3af)	**Protocols**	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP
Power consumption	Max 6.5W	**Compatible integration**	ONVIF (Profile S, Profile G, Profile T), API
Connectivity	1 x RJ45 10M/100M Base-TX Ethernet 1 x Ø 5.5mm coaxial power plug (optional, in case PoE isnt supported)		

*Must remain a customer to qualify for lifetime warranty

**All Lumana cameras store footage dynamically on the Lumana Core based on activity. A combination of standard-quality and high-quality images and videos is captured to ensure optimal footage during critical events.