



bee-MX8

Visual Perception Sensor

Standalone module for developers

*Next generation indoor positioning
system for your indoor navigation
and tracking solutions*



About The Product

Cyberbee is revolutionizing indoor navigation with its compact and affordable AI vision-based technology designed for GPS denied locations.

Unlike other solutions, that are large, expensive, and require dedicated infrastructure, our tailor-made, computer-vision-based algorithms and modules provide precise, robust Indoor/Outdoor affordable spatial understanding, and navigation free of any infrastructure or limitation.

Weighing under 35gr and being very affordable allow Bee-MX8 to overcome the limitations of existing large and costly solutions.

We bring unparalleled spatial understanding to various devices, from mobile robots to wearables, delivering accurate geolocation and autonomous navigation capabilities in complex environments. This advancement is pivotal for sectors like warehouse logistics, HLS, security, and construction, where the demand for autonomous robots is surging, forecasted to require millions of units necessary in the coming years.

Bee-MX8 requires software and specific hardware architecture. The hardware can be provided as a reference design, allowing developers to integrate our technology into their products simply.

Benefits of Bee-MX8 Visual Perception Sensor for indoor localization



Real-time accurate
position indoors



Low cost, power efficient,
easy to deploy hardware



Highly compatible

Two Operational Modes

1

Map-Free Mode

In this default mode, drift corrections occur upon encountering previously recognized locations.

2

Mapped Mode

The module relocalizes approximately every 30 seconds to rectify any drift within designated areas.

Contact us to discuss your specific market and application