

Product Sales Sheet

UbiVision Intelligent Camera System

Ubihere has developed a low-cost real-time easily trained machine learning video processing and analysis system called UbiVision.

Ubihere has exclusively licensed patented technology developed at The Ohio State University to create UbiVision. The small low-cost self-contained camera and video processing hardware utilize proprietary cognitive artificial intelligence software to process and present actionable analytics from any video stream. The UbiVision system unlocks the power of computer vision and deep learning algorithms for a wide range of value adding applications. UbiVision can connect to existing wireless networks or communicate via on-board radio to a Ubihere base station up to 6 miles away. UbiVision can utilize your existing camera networks to significantly lower the cost and time to install the solution.

Track what matters with the UbiVision Intelligent Camera System.



Access Your Information

UbiVision can integrate into your existing wireless networks or operate in a stand-alone mode connected to a Ubihere BASE station.

UbiVision information can be stored on a secure Amazon Web Services portal allowing customizable access levels to user data dashboards.

UbiVision allows customers to define the visual informatics required to make action oriented decisions for the business.

Flexible architecture allows for user defined actions, objects, interactions and other cognitive processing of the video stream . The solution supports multiple coordinated cameras for extended video analysis over large reference areas.

UbiVision can be trained to recognize millions of defined objects and be programmed to learn new objects and interactions during operation.



UbiVision Specifications



UbiVision was initially designed to perform accurate capture and reporting of the location and travel history of individuals, products, equipment or other defined objects.

However, the customizable machine learning solution allows our customers to highly define the information they want from the computer vision.

UbiVision supports tracking, counting, measuring, predicting, monitoring and nearly any other information obtainable from visual references.



UbiVision can be utilized by a diverse set of customers for different purposes across a wide range of industries such as:

Manufacturing Facilities - Real-time process analysis. Operational efficiency. OSHA and safety compliance. Predictive maintenance. Real-time quality assurance and product inspection.

Hospital Systems – Patient interactions and engagement measurement. Logistics and asset/inventory management. Security, access monitoring, equipment tracking.

Retail and Sales – Actionable customer data such as count, product interaction, floor traversal, time in store, conversion rates. Employee customer interaction metrics. Targeted marketing.

Schools and Offices – Track personnel to ensure understanding and awareness of entrance, exit and location of individuals.
Personnel Tracking – Maintain historical location and movement for personnel for audit ready records. Required for organizations such as correctional facilities, nuclear facilities, etc.