autoTRACK [FAST TRACKING / COUNTING]

TRACKING MULTIPLE OBJECTS

Gridbots autoTRACK is one of the fastest and most accurate automatic object tracking system.It comes with precise optics and high speed computing unit which help it to locate and track multiple objects simultaneously [Upto 3000 per second !]

The system can count tablets - seeds - washers - nut bolts at a very high speed.It can track 2D markers - object logos - active markers - custom shapes with X,Y,Z location and tilt angles with referrence to world coordinates.

The system can be daisy chained to cover more area.

Enormous applications like item Track-N-Trace - Person tracking for AR/VR/Analytic applications - Work Study etc. can be developed over autoTRACK Platform.
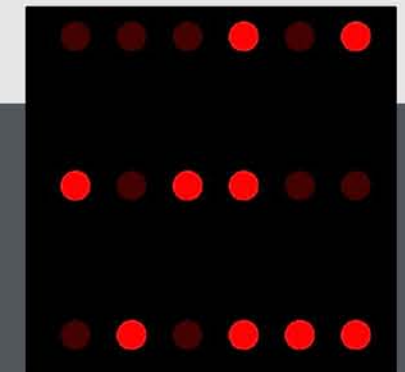
Low Distortion Optics and Electronics	64 Bit CPU Inside	Tracking Accuracy upto ± 1mm

PATTERN TRACKING

ACTIVE MARKER TRACKING
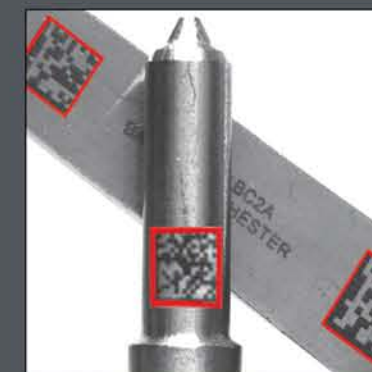
TECHNICAL SPECIFICATIONS

Model
GB-AUTOTRACK

FOV
45-65 Degree [HxV]

Object Type
2D Marker - Object Logo - AR Marker
Custom Shape, Active Markers

Dimensions [LxBxH]
50x100x50 mm

Power Consumption
20W - 12 V

Object SIZE
Minimum :1 mm / Maximum : 200 mm

Read Rate
400 Hz

Interfaces
Wi-Fi/Ethernet/Serial/I2C/SPI/CANBus

Trigger Mode
External and Free Running

Weight
500g

OBJECT TRACKING

LOGO TRACKING

gridbots