TD2000 G2

3D Intelligent Sensor

TD2000 G2 is the upgraded second generation of TD2000, which supports all existing features of the first-generation deep learning 3D sensors of TDI yet providing improved performance and extra value-add features like staff exclusion plugins, high-definition video streaming, enhanced privacy protection mode, to fulfil your various needs.

Designed with an 20% enhanced viewing angle than its predecessor, the G2 is able to offer a wider coverage thereby lowering your overall cost of investment. In addition, the sensor has a USB interface (optional) that can be connected to a Staff Exclusion Plugin for filtering of employee/staff counts from the aggregated footfall. Other subtle design enhancements have been introduced to engender ease of installation while improving general aesthetics. Noteworthily, the TD2000 G2 has deep learning and AI computing capabilities embedded into one single device, offering our customers greater assurance that their future retail analytical needs be met.

TD2000 G2 is optimal for use in both indoor and outdoor environments regardless of footfall traffic volumes, rendering it ideal for aggregating highly accurate analytics thus empowering our customers with the ability to make better business decisions.

- The 2nd generation AI and deep learning enhanced 3D sensor with improved performance over the TD2000
- Wider coverage area giving our customers greater savings on your total investment
- Staff exclusion via built-in deep learning capability or optional USB plugin
- Subtle placement of POE interface for enhanced aesthetics
- High-definition video resolution and RTSP streaming capability
- Support of enhanced privacy protection mode

For enquires please send email to info@tdintelligence.com

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Specifications

HARDWARE	
Materials and Color	**(White) Shell:** ABS plastics **(Black) Backplane:** Heat Dissipation Aluminum
Dimensions	Device: 161.3mm x 78mm x 50.1mm Package Box: 198mm x 103mm x 68.5mm
Weight	Device: 375g; Packaged Device: 475g
Lens Options	2.2mm by default (and other options)
Storage	8GB EMMC Flash and 1GB DDR3 Memory
NPU	1.0T @ INT8
Power Supply	Power over Ethernet (48V ~ 52V)
Power	5W
LED	2 tri-state LED
RTC working time after a power outage	Minimum 1 days

NETWORK	
Cabling	Category 5e
Ethernet	Single channel 100Mb Ethernet
IP Addressing	DHCP or Static IP
Data transmission protocols	HTTP, FTP, HTTPs, FTPs
Software upgrade	HTTP

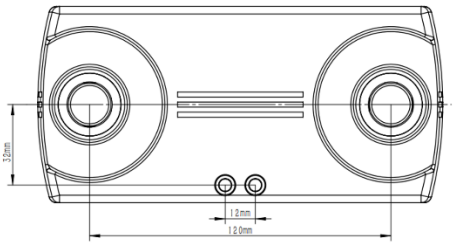
PARAMETERS	
Environment	0-50^0 temperature and 20%-80% relative humidity for properly working
Mounting Height	2.2m - 8m as standard (can support up to 14m with custom lens when needed)
Mounting Angle	Horizontal or tilt*

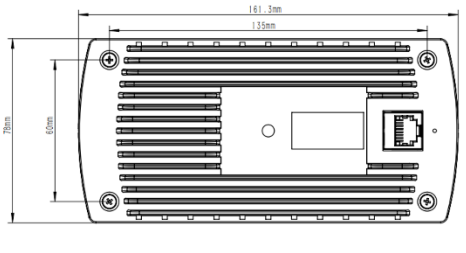
*Up to 45^0. Tilt installation may degrade counting accuracy.

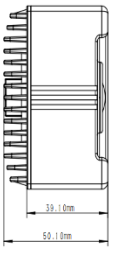
Key Features

- All-in-one platform embedding data capturing, AI/deep learning and stereo vision analytics
- Optional USB plugin or built-in deep learning enabled staff exclusion*****
- Low requirement on lighting, applicable for use both indoor and outdoor
- Distinguishing between adults and children
- Filtering non-traffic objects like shopping carts, mannequins, shadows, reflections, etc.
- Path linking and AI capability for covering wider entrances or larger area
- Support of family counting
- Support of tilt mounting, flexible mounting brackets for unobtrusive installation
- Supports scheduled streaming of digital video output remotely for count accuracy validation
- Web portal for local/remote device management, allowing to set Admin User for fully management or Read-only User for monitoring traffic/viewing device settings
- Open API for easy system integration
- Up to 8 discrete zones for people counting and 8 zones for dwell statistics
- Low bandwidth requirement by transmitting data through Ethernet
- Internal storage stores configuration settings and at least 90 days of data
- Data packaged in XML packets and delivered via HTTP/HTTPs, FTP/FTPs

* Staff exclusion is an extra feature on charge, subject to case-by-case confirmation.







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