AIBSlab engineering

Powered by

ENLITEON
Portable software beyond people counting

- **Includes full platform powered by ENLITEON**
- **Stand-alone: requires no PC**
- **Suited for short/mid range indoor use**
- **Real-time 30fps analysis**
- **Supports up to four sensors**
- **Color context camera**
- **Local and cloud unified SDK**
- **Configuration via web browser**
- **Fully configured, works out-of-the-box**

People tracking KIT-2 Persee

Ideal testbed - People tracking kits are fully working systems running ENLITEON software designed for evaluation, testing and integration development purposes. See related software datasheets for detailed description of features.

Quickest start - People tracking kits are the most effective option to get in minutes a comprehensive knowledge of the ENLITEON people tracking/counting software while evaluating its performance on proven hardware configurations. People tracking kits are meant for laboratory use and are the basis for finished field deployable products but are not, per se, meant for resale.

Multiple technologies - The platform supports most stereovision, structured light and Time Of Flight (TOF) sensors on the market hiding their differences. There are different kits to match the most suited features with every situation.

One for all - With the various People tracking kits solutions can be tailored to different environments (indoor or outdoor) and different ranges (short, mid and long range: from 0.2m to 20m) satisfying virtually any of your present and future needs.

Platform independence - ENLITEON software hides the technological differences of the various 3D vision technologies delivering the resulting depth maps in a common format. Algorithms built on such normalized depth maps can be, then, used on any of the supported sensors and ported to different hardware platforms and operating systems.

Design services - Upon request we can provide business partners design and support services for the implementation on multiple hardware and software platforms of their own branded products minimizing time-to-market.

Designed for integration - A comprehensive and powerful SDK allows seamless network integration in third-party supervisory systems.

Hyperconnected - The kit features numerous connectivity options: ethernet, wi-fi, Bluetooth low energy, USB OTG.

Flexible access - User interface via HDMI, web browser connectivity over local and wide area networks

Order number	EN-CORE-SK1 - Indoor - wide range - VGA resolution
Ambient	Indoor
Depth sensor	Structured light
Depth image	640 x 480 @ 30 FPS
Range	Long range: 0.4 – 5m
Field of view	60° h x 49.5° v
	At 250 cm height: 289 cm x 231 cm
	At 300 cm height: 346 cm x 277 cm
	At 350 cm height: 404 cm x 323 cm
	At 400 cm height: 462 cm x 369 cm
	At 450 cm height: 520 cm x 415 cm
	At 500 cm height: 577 cm x 461 cm
Color image	1280 x 720 @ 30FPS
CPU	ARM
Operating system	Embedded Linux
Connectivity	802.11n wireless LAN Bluetooth 4.1 Low Energy 3 x USB 2.0 ports
Power supply	5 VDC 2A

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ENLITEON expertise in designing embedded people counting, tagging and tracking systems including tailgating detection and virtual man-trap functionalities is available to customers and partners. ENLITEON offers from simple software customization services to the porting on partner's hardware/software platforms or even the design of complete private label solutions compliant with custom specifications.

DS-SK1 - 1.0