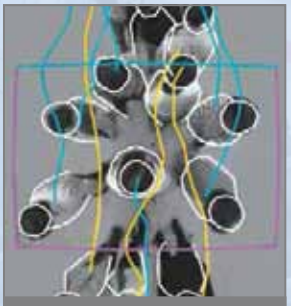
Trastem Giken

OPTEX
ENTRANCE DETECTION

VC-1020 / 1050 by Giken

High speed accurate people counting

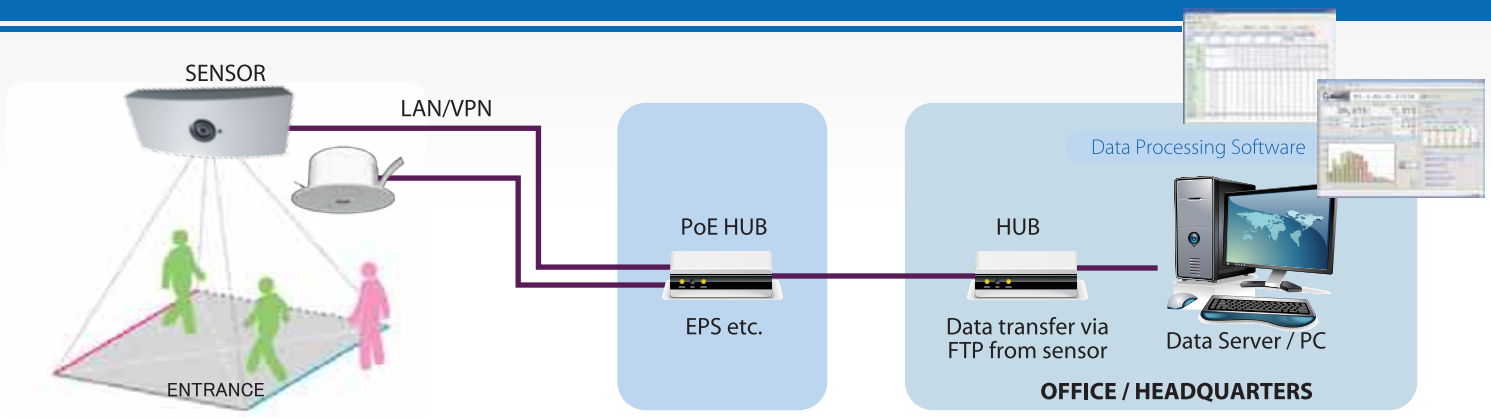


Counting Image

Simply, quickly and accurately count the number of people that visit your building, facility or event, using the 'people count' sensor 'AIO VC-1020 or VC-1050 by Giken'.
The AIO VC-1020 and VC-1050 is more than 95% accurate, and thus is one of the most reliable 'people count' sensors on the market: even during busy times.

Data Processing Software

VC-1020 & VC-1050 System Configuration



Data Collection Software / Basic Reporting Software

LP Manager Software

Output CSV data at a designated time in a fixed CSV format. The traffice data can can be sent to a database on an upper server or to other systems.

Data Export
(CSV Format)

FTP Automatic File Transfer

To designated folder

IWLite -WEB REPORTS-

Real-time Traffic Data and Sensor Images

The data is updated in real-time (one minute update) to show current traffic. The actual entrance/area image can be viewed by selecting an entrance (updated by specified period.)

Basic Count Data Reports

Simple daily reports or reports for selected periods are available.

	VC-1020	VC-1050
Exterior dimensions	85mm H x 193mm W x 34mm D	70mm H x 120mm W
Sensor components	Camera with processor	Camera with processor
Operating environment	Indoor use	Indoor / Ceiling / Area with no direct exposure to rain
Color variation	White	White
Installation position	Ceiling exposed mount	Ceiling exposed mount
Installation height	Standard: 2.3m to 4.5m (7.5ft to 14.8ft) *High: 4.0m to 6.0m (13.1ft to 19.7ft)	2.3m - 6.0m (Higher than 4.2m : Digital Zoom/ Optional)
Image sensor	CMOS image sensor color 60 x 480 pixel	1/4inches color MOS/Digital
Accurate telling	Over 95%	Over 95%
Illuminance	Over 100Lux	More than 100Lx
Supply power voltage	DC 48V (PoE: IEEE802.3af Class 0)/DC24V (DCJack)	
Electricity consumption	Max 7W	Max 7W
Operating temperature	0˚C to 50˚C, 32˚F to 122˚F	0℃ - 50℃/
Operating humidity	30% to 85% non-condensing	30 - 85% Non-condensing
Led indicator	Power, counting and error	Power and Count Monitoring
External terminals	RJ45 connector and DC Jack	RJ45
Count data delivery	Push: FTP, SFTP, FTPS. Pull: TCP/IP	Ethernet (FTP▪SFTP▪FTPS▪TCP/IP)
Video image output	H.264/MPEG4 (VGA/QVGA 30/15/10fps)	H.264/MPEG4 (VGA/QVGA 30/15/10fps)
Still image output	JPEG (QVGA)	
Maximum wiring length	100m (109.4 yards)	
IP rating	IP32	
Weight	Approx. 220g, 7.76oz	
Materials	ABS/PC UL94 V-O	
Recorded data	Stores 30 days of data (1 min. increment)	
Setup tool	Web based settings (IE)	
Certifications	CE ClassA, FCC ClassA, C-Tick	CE▪FCC▪RoHS▪KCC
Coverage area	1.8m W (at 2.3m H) (7.5ft.) 4.5m W (at 3m to 4.2m H) (9.8ft. to 13.8ft.) *Approx. 4m W (at 6m H) (19.7ft.)	
Counting	IN/OUT/multiple directions, leave out shadows and shopping carts	
Counting area patterns	8 count patterns/multiple count lines (4 lines 8 directions)	

*Specification is subject to change without prior notice

OPTEX

VC-1020 and VC-1050
by Giken, an Optex Group Company

Made In Japan