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Visual Sort Assist (VSA)

Drastically increase the capacity, agility and wellbeing of your parcel sorting force to meet the rising and rapidly changing demands of your customers, without expanding your facilities or investing in costly and complex full automation and extensive staff training.

Key Features

Optimise workforce productivity

Improve sorting quality

Reduce manual errors

Increase flexibility

Enhance agility

Panasonic CONNECT

Visual Sort Assist (VSA)

https://eu.connect.panasonic.com/be/en/products/supply-chain-solutions/visual-sort-assist-vsa

Size	(Width x Depth x Height)
	Min : 100 mm x 100 mm x 50 mm (3.9 in x 3.9 in x 2.0 in)
	Max : 800 mm × 800 mm × 800 mm (31.5 in x 31.5 in x 31.5 in)
Operating Temperature	5 ℃ ~ 35 ℃
Illuminance (Conveyor area)	120 lux ~ 1200 lux
Power Supply	100 V ~ 220 V 2500 W (Basic System base)
Others-	- Frame installation is needed at conveyor areas.
	- PCs need to be located at conveyor areas.
	- Infrared devices may get affected. (3D sensors use infrared lights)
Parcel Type	Cardboard (Non-reflective materials, Non-transparent materials)
	Note: Reflective materials such as metal, mirror, glittering wrapping or transparent materials such as transparent acrylic box may not be able to be detected.
Belt width	~ 1.0 m (~ 3.3 ft)
Belt Type	Non-reflective material
Belt Length	Need Some Distance from barcode reader to 1st projection area
Belt Speed	Less than 1.0 m/sec (3.3 ft/sec)
Barcode label	Requires barcode label to figure the sorting direction against the parcel
Separation between parcels	More than 5 cm (2.0 in)
Installation environment	- Installation Site: Indoor
	- Operating Temperatur: 5 ~ 35 ℃
	- Illumination around the belt conveyor: 120lux ~ 1200lux (Illuminance in the area on the conveyor where the packages is irradiated)
Equipment Requirements	- Projector: Space is required to install the Projector at a height of 2 m to 3 m above the conveyor surface.
	- Sensor: Space is required to install the sensor at a height of 2 m to 3 m above the conveyor surface.
Scalibility	Number of VSA Client App: The maximum number of VSA Client Apps that can be linked to a single VSA Server is 10.
Operating Hours	VSA systems are not designed to operate continuously for more than 24 hours.