Scan here for more information

In:57 / Out:23

Featuring the People Counter and Passer-by Counter function; the People Counter software is able to account for up to 1,600 people in Full HD Video & 7,000 people in 4K still image.

INTELLIGENT PEOPLE COUNTING APPLICATION:

‣ with High Accuracy
‣ Easy Installation & Operation
‣ Highly Scalable
‣ Suitable for Mid to Large Scale Counting
‣ Applicable for Still Images, Recorded & Live Videos

HIGH ACCURACY IN DETECTION

is achieved through comprehensive analysis and study on human characteristics databases & pattern. Subject need not face the camera to be detected.
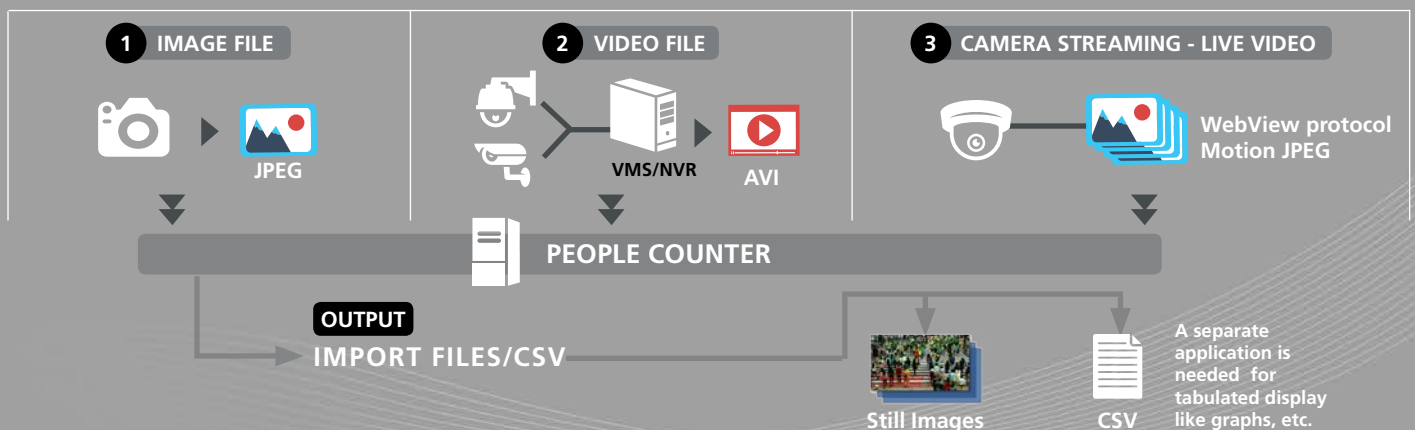
LOW LIGHT CONDITION

People Counter is able to maintain its accuracy in both indoor & outdoor settings, as well as challenging conditions such as poorly litted environment or when subject is back or side facing the camera.

OPERATING ENVIRONMENT

INPUT OPTIONS

1 IMAGE FILE

JPEG

2 VIDEO FILE

VMS/NVR   AVI

3 CAMERA STREAMING - LIVE VIDEO

WebView protocol Motion JPEG

PEOPLE COUNTER

OUTPUT

IMPORT FILES/CSV

Still Images

CSV

A separate application is needed for tabulated display like graphs, etc.

Business Can be simple

APPLICATIONS

MALLS/DEPARTMENTAL STORES

- To measure footfall generated (in/out) against sales and provide macro-view to management
- To better manage staff allocation and improve customers' experience based on shoppers' pattern drawn from people counter analysis
- To tailor effective campaigns on target audience based on analytics gathered

QUEUE MANAGEMENT

- To understand crowd patterns and movements for effective management
- Live measurement on degree of congestions to supervise queues and speed up clearance in critical infrastructures such as airport & checkpoints
- To validate the number of people entering & existing restricted areas via Passer-by Counter features

STADIUMS/MUSEUMS

- To understand an overview of the facility's traffic (footfall, movement, hotspot, peak hours)
- To allocate proper staffing and security to manage crowds and ensure all areas in the facility is safe
- To monitor unusual traffic directions

EVENT MANAGEMENT

- To measure footfall and effectiveness of events
- Automate graphical analysis for events overview and program analysis
- To manage sudden influx of crowds efficiently via live people counting/passer-by counting

BUS/TRAIN STATION

- To measure density & commuters' pattern for more efficient staff planning
- To manage congestions and safety of commuters effectively via live monitoring
- To complement evacuation plan during emergencies or breakdowns

Specifications

People Counter	**Input**	Still image file (JPEG), video file (AVI)*1, Canon Network Camera Live Video
	Output	Analyzed still image file (JPEG), CSV file, log
Passer-by Counter	**Input**	Video file (AVI)*1, Canon Network Camera Live Video
	Output	Analyzed still image file (JPEG), CSV file, log
Maximum Detection Capability		7,000 people *when using 4K still image (3840 x 2160), detection number priority mode
Maximum Number of Input Pixels		Video: 1920 x 1080 Still image: 3840 x 2160
Specifiable Detection Area		A single polygon detection area can be specified per execution, multiple areas are not supported
Result Preview		Available
Setting Information		Available for both Import & Export
Number of Simultaneous Session per PC		4 *2

Operating Environment

Recommended PC Specifications	CPU: Core-i7-4770 or greater (4 or more cores, HT technology support) Memory: Recommended 16 GB (minimum 8 GB) Storage: The amount of space needed for data output
Operating System	Windows 7 Ultimate/Professional/Enterprise/Home Premium 64 bit, Windows 8.1/Windows 8.1 Pro/Enterprise 64 bit, Windows 10 Pro/Enterprise/Home 64 bit, Windows Server 2008 R2 Standard 64 bit, Windows Server 2012 Standard 64 bit, Windows Server 2012 R2 Standard 64 bit
Software	.NET Framework 4.0 or later
Operating System Language	Japanese/English
Supported Network Cameras for Live Video	VB-R13VE, VB-R13, VB-R12VE, VB-M50B, VB-H652LVE, VB-H651VE, VB-H651V, VB-H761LVE, VB-H760VE, VB-H751LE, VB-R11VE, VB-R11, VB-R10VE, VB-M641VE, VB-M641V, VB-M640VE, VB-M640V, VB-M741LE, VB-M740E, VB-H43, VB-H630VE, VB-H630D, VB-H730F, VB-M42, VB-M620VE, VB-M620D, VB-M720F, VB-S30D, VB-S31D, VB-S800D, VB-S900F, VB-S805D, VB-S905F

*1: Only supports [Microsoft Video 1] or [Intel IYUV] compressed format AVI files created with the "AVI export" feature of Milestone Systems' XProtect.
*2: It varies according to video sizes and frame rates used during simultaneous processing.

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