



AI PASSENGER COUNTER

Gatekeeper's PaC30 uses Artificial Intelligence (AI) to accurately record the number of passengers getting on and off a vehicle. When the PaC30 is connected to Gatekeeper's DVR, the counting data is securely stored to a hard drive or can be wirelessly transferred to Gatekeeper's G4 Vision server via WIFI or cellular network.

GATEKEEPER

PaC30

ARTIFICIAL INTELLIGENCE POWERED PASSENGER COUNTER



KEY FEATURES

- Accurately tracks number of passengers on/off
- PaC30 Primary and PaC30 Secondary for two doors coverage
- Top or Side mounting options for both Primary and Secondary

COMPATIBLE WITH THE FOLLOWING G4 VISION SUITE OF SOFTWARE:

- Clarity
- Open Platform API

INTEGRATES WITH G4 VISION SUITE OF SOFTWARE

GATEKEEPER

Gatekeeper Systems Inc.
301-31127 Wheel Avenue
Abbotsford, BC V2T 6H1
Canada

Gatekeeper Systems USA Inc.
7-200 Rittenhouse Circle East
Bristol, PA 19007
United States

- The PaC30 has options to cover the front door (PaC30 Primary) and rear door (PaC30 Secondary) of a vehicle.
- The PaC30 Primary and Secondary each incorporate a 1080p camera.
- Video and passenger on/off data from the PaC30 can be recorded to the DVR. Alternatively, just the passenger on/off data can be recorded.
- PaC30 uses advanced AI Deep Learning to count passengers.
- The AI provides a separate On count and Off count. Each On / Off count is accompanied with time and date, GPS location, vehicle number and the status of up to 8 sensors.
- PaC30 is a compact device that is easy to install and can be conveniently configured using Gatekeeper's G4 Connect software.

VIDEO

IMAGE SENSOR	1/2.8" 2M pixel CMOS
LENS SIZE	2.7mm
FIELD OF VIEW (FOV)	120°
VIDEO COMPRESSION	H.265 / H.264
VIDEO RESOLUTION	PaC30 Primary: 1080p @ 30 FPS PaC30 Secondary: 1080p @ 30 FPS
DUAL STREAM	Main stream: 1080p @ 30 FPS Sub-stream: VGA/QVGA/CIF @ 15 FPS or D1 @ 15 FPS

NETWORK

LAN	10/100 Mbps Ethernet
SERIAL INTERFACE	1 RS485 port
ALARM I/O	2 channels alarm I/O

POWER

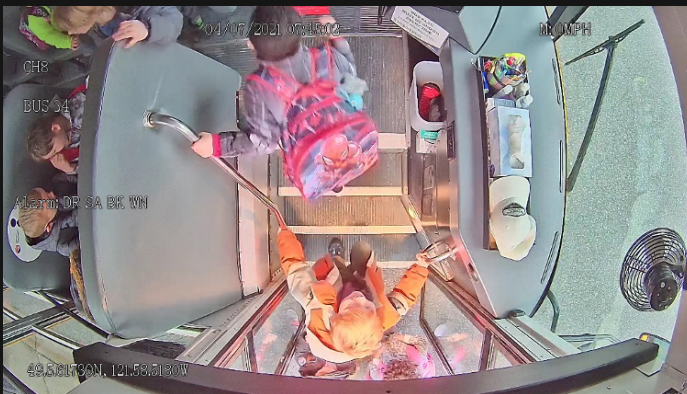
INPUT VOLTAGE	8V to 16V DC
POWER CONSUMPTION	< 5W

TEMPERATURE

OPERATING TEMPERATURE	-22°F to +158°F (-30°C to +70°C)
-----------------------	----------------------------------

MOUNTING

CEILING MOUNT	7" x 1.75" x 2.25" (178mm x 45mm x 57mm)
SIDE MOUNT	7" x 2.18" * 1.56" (178mm x 56mm x 40mm)



The image above shows passenger detected by Passenger Counting Sensor PaC30. The image is 1080P resolution.

