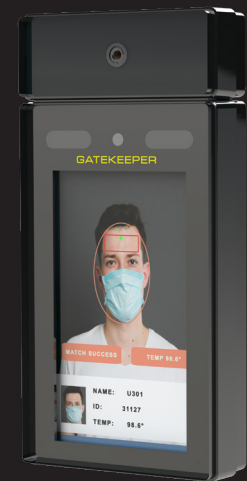## INTELLIGENT TEMPERATURE SENSING SYSTEMS (ITSS™)

Gatekeeper's Intelligent Temperature Sensing System includes a stand-alone health monitoring panel that measures the body temperature of individuals entering a transportation vehicle or building. Thermal cameras, artificial intelligence and video analytics are used to rapidly and accurately measure body temperature. The ITSS panel can be configured to provide an audio warning if a mask is or is not detected. The compact panel is easy to install and helps ensure a healthier environment for passengers, employees and organizations.

GATEKEEPER
HEALTH MONITORING PANEL

AI DRIVEN, FACIAL CAPTURE HIGHLY ACCURATE

KEY SPECIFICATIONS

- Contactless operation
- Artificial Intelligence
- Fast measurement
- Captures temperature of riders within 2 feet
- Visual and audible alarms triggered on configurable high temperature limits

- Audio warning if a mask is not detected
- Stand-alone system – does not require DVR , quick and easy installation

GATEKEEPER

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

Gatekeeper Systems USA Inc.
200 Rittenhouse Circle Suite 7E
Bristol, PA 19007
USA

PANEL SPECIFICATIONS

TEMPERATURE MEASUREMENT

TEMPERATURE DETECTION RANGE	95°F to 107°F (35° to 42°C)
ACCURACY	±0.6°F (±0.5°C)
DETECTION RANGE	≤23 - 60 inch (≤0.6 - 1.5 meter)
ALARM THRESHOLD	Configurable, preconfigured to 99.14°F (37.3°C)
RESPONSE TIME	<300 mS

FACIAL CAPTURE

DETECTION MODE	Single target capture – driven by Artificial Intelligence
CAPTURE DETECTION ACCURACY	99.9%

MONITOR

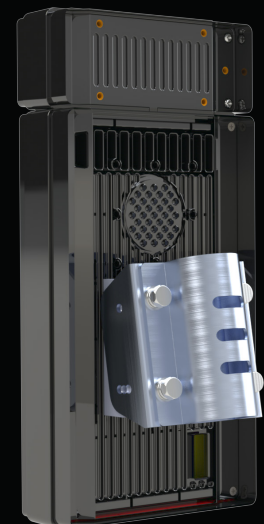|	
SCREEN SIZE	7 inches
SCREEN LUMINANCE	450 cd/m2
ASPECT RATIO	16:9
RESOLUTION	600* 1024

POWER

POWER INPUT	9-36V DC
POWER CONSUMPTION	9W typical
TRIGGER	Vehicle accessory or ignition with adjustable power down delay
OPTIONAL	115V power kit

ENVIRONMENTAL

IP RATING	IP30
OPERATING TEMPERATURE	32°F to 122°F (0°C - 50°C)
STORAGE TEMPERATURE	-22°F to 167°F (-30°C - 75°C)
OPERATING HUMIDITY	15% - 95% non condensing
STORAGE HUMIDITY	15% - 95% non condensing
SHOCK AND VIBRATION	MIL STD-810F

PHYSICAL

DIMENSION	10.9" x 4.9" x 1.2" (267mm x 125mm x 30mm)
WEIGHT	7oz (200g)

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

TEMPERATURE MEASUREMENT PANEL