

Press Release

August 29th, 2018 – Paris

Gate Pro LOGIC INSTRUMENT unveils the first AI-enabled control panel for IoT in B2B environments



LOGIC INSTRUMENT, the European leader in mobile solutions for businesses and hostile environments, unveils its Gate Pro. This AI-enabled control panel provides a complete, high-end toolchain for the development of intelligent and private interactive systems. It embeds speech recognition and voice control functionalities for optimized work flows. It flaunts advanced technologies for natural man to machine communications. It will be available from December 2018.

LOGIC INSTRUMENT's Gate Pro helps businesses to streamline their productivity, especially in industrial environment where resources are limited, thanks to:

- **Built-in speech recognition and voice control for hand free management**
Gate Pro enables organizations to enhance their equipment, processes and productivity. Programs and machines thus receive, interpret spoken words and carry out commands, with superior level of accuracy, speed, and deep learning.
It can also be fully customized based upon industry software, to meet the particular needs and constraints in any vertical field.
- **Offline operating mode compatibility**
- Gate Pro ensures the highest level of security, speech recognition's being processed offline; the data will never pass through any third-party server.
- **Video calls**
Thanks to its 5 MP camera, its dual microphone array, including echo and noise cancellation, the Gate Pro allows hosting video calls, even in hostile environments.
- **The built-in PicoWAN gateway** converts the Gate Pro in a real LoRa-based private hub to collect and organize data generated by up to 10,000 connected devices, such as temperature, humidity, CO2, gas, PM2.5 sensors, up to 1 kilometer.
This data can alternatively be stored in a secured private cloud and shared to a selection of authorized profiles.

Availability:

The LOGIC INSTRUMENT Gate Pro will be available from December 2018.

LOGIC INSTRUMENT Gate Pro Main specifications

Design

Width x Height (horizontal): 250 x 114mm

Thickness: 25,5 – 73mm

Weight: 642 g

I/O buttons: 1 x Microphone-Mute, 1 x Camera Shutter, 1 x Volume +/-, 1x Power On/Off

Display

Size: 7"

Type: IPS

Resolution: 1280 x 800

Screen: Full Lamination

Viewing angle: 86° Wide Angle

Viewing modes: Portrait and Landscape

Performance

Processor: Quad Core @ 1.3 GHz

GPU: Power VR GE 8300

Audio: 2" 10W with optimized chamber and passive radiator

Microphone: Dual microphone array

RAM: 2 GB

Internal storage: 64 GB – Expandable via Micro SD card up to 320 GB

Multimedia

Front Camera: 5 MP AF 60° including physical obstruction system

Video Call: 720 p

Connectivity

WiFi b/g/n & WiFi direct

Bluetooth® 4.0 BLE

Long range narrow band technology: PicoWAN

Battery

3,000 mAh / 3,7V Li-Ion

Ports and sensors

Light and proximity

G sensor

USB OTG

Software

Operating system: Google Android™ Oreo 8.1



About LOGIC INSTRUMENT

Founded in 1987, LOGIC INSTRUMENT develops and markets tablets, smartphones and laptops for businesses and hostile environments, running Google Android™ and Microsoft Windows operating systems. LOGIC INSTRUMENT operates on all continents via its various subsidiaries. LOGIC INSTRUMENT is listed on Alternext Paris (ALLOG).

Website: www.logic-instrument.com.

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