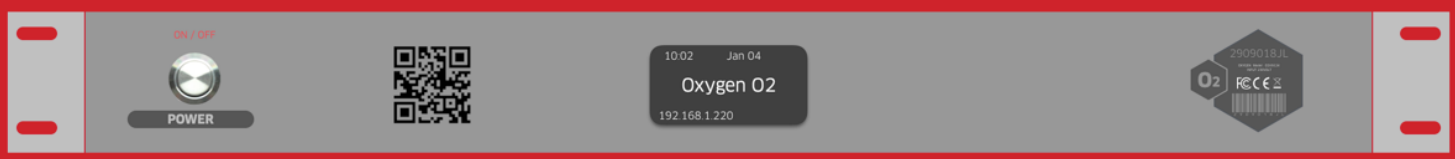
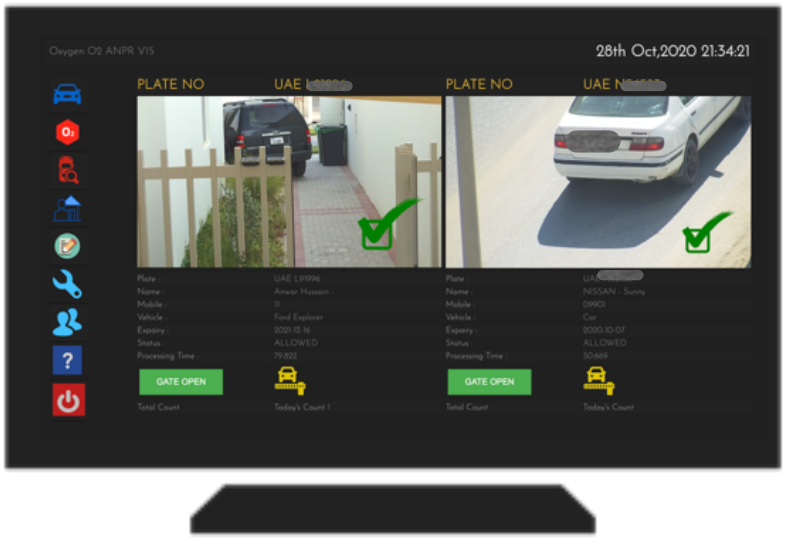
Oxygen 02



Intelligent System to the new level of freedom and reliability

ANPR - AUTOMATION

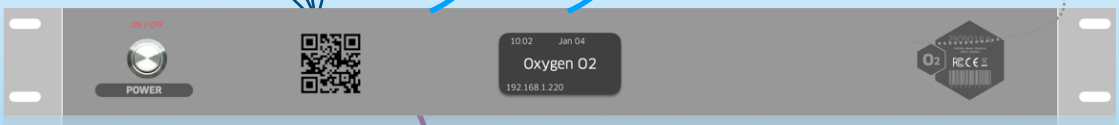


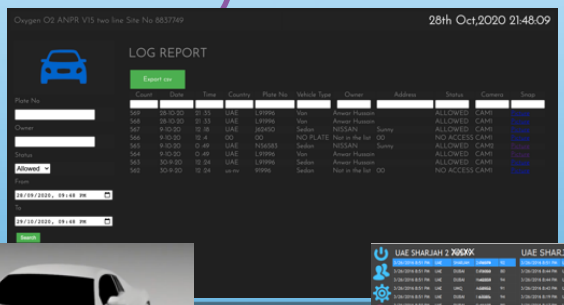
Car Plate recognition

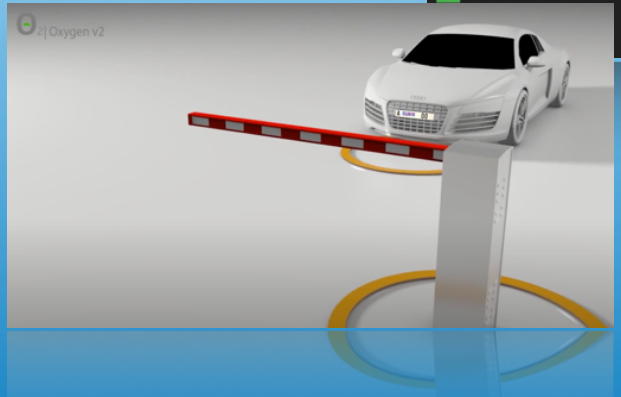
Oxygen will read the plate number and check with white list, to allow or disallow I Barrier gate will open or close as per the conditions. A snapshot will be recorded for future use and system can be accessible from anywhere is the world.

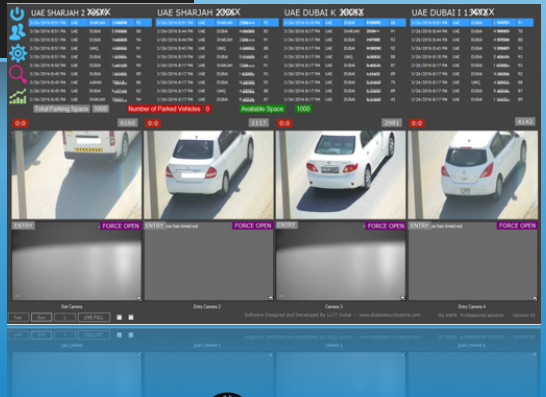
INTERNET DATA

Internet data analysis I live reporting I news feeds I messengers I Social media









+971 508031282

PO 299421 I Dubai I UAE

www.llct.net/o2

ANPR - AUTOMATION

Oxygen v2

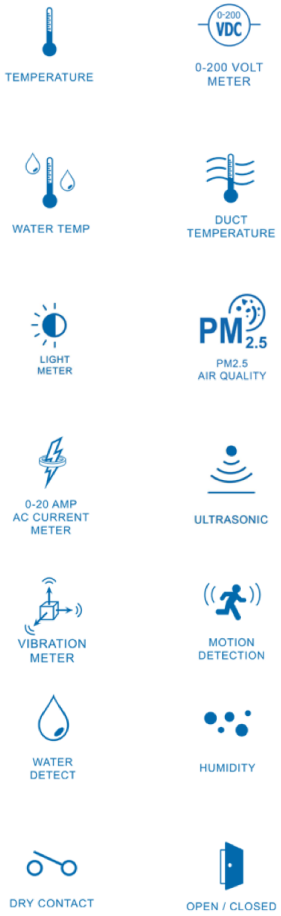
+971 508031282

PO 299421 I Dubai I UAE

www.llct.net/o2

OXYGEN O_2

INTERNET OF THINGS



TECHNICAL SPECIFICATION

Power supply	13V DC ±10% | 110-230V 50Hz/60Hz AC UL
Power safe	Li Battery 4 AH[optional], Auto-shut down super capacitor protection
Working memory	1GB | 2GB | 4GB
Storage	64GB class 3
Extended storage	256GB SSD [Optional]
Cloud	Amazon AWS Dedicated server
Out put control	**8x** 10A 220V | 5A 30V DC, Dry contact out
Working Temperature	- 10°C up to 60°C
Connectivity	IEEE 802.11.b/g/n/ac wireless LAN 2.4GHz and 5GHz Bluetooth 4.2/BLE, faster Ethernet
Processor power	Quad-core processor, Cortex-A53 (ARMv8) 64-bit SoC @ 1.4GHz
Ports	**1x** HDMI 1.4, **4x**USB 2.0 ports
Input / Output	**8x** Dry contact out put Digital out **8x** Digital logical input - Isolated industrial **128x** Digital input expansion over i2C [optional]
Dimension [HxWxD]	46mm x 482mm x 90mm
External connections Protocols	I2C, 1Wire, TCPIP, Wifi, MODBUS[optional], Zigbee[optional] Zwave[optional], MQTT, GPIO, HDMI-Audio video, 433Mhz RF
Integration	amazon echo, Google Home, Apple Home kit, Grafana, HTML5, NODE JS, Python, MQTT, Node Red, Artificial Intelligence

Monitoring Application

- Exit Door monitoring
- Facility monitoring
- Temperature monitoring
- Sound level monitoring
- Environment monitoring
- Light intensity monitoring
- CO2 monitoring
- Water detect
- Moisture level monitoring
- Altitude, Vibration
- GPS location sensing
- Atmosphere pressure sensing

Control Application

- Office Automation
- Home Automation
- Out door lighting
- Robotics, Automation
- Programmable logical Control
- Lighting/Motor control
- IF THEN DO THIS
- Input vs Output control
- Timer control
- UAE Adan system
- Centralized audio player
- Timed Audio player

MULTIPLE INTEGRATIONS

CONTACT

LLCT, PO Box 299421
AL Nisf Building, Airport Road
Dubai, UAE www.llct.net/oxygen
(+971) 508031282 | oxygen@llct.net

LLCT, KINFRA Park [Branch]
Thiruvanthapuram, Kerala, INDIA
oxygen_tvm@llct.net