

IoT PIXEL TECHNOLOGIES
INTERNET OF THINGS
VERTICAL TRANSPORT



PIXEL.
TECHNOLOGIES

IoT PIXEL TECHNOLOGIES INTERNET OF THINGS



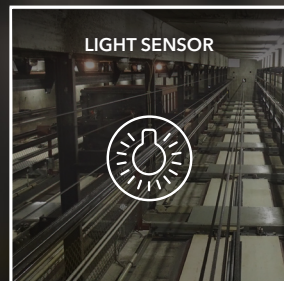
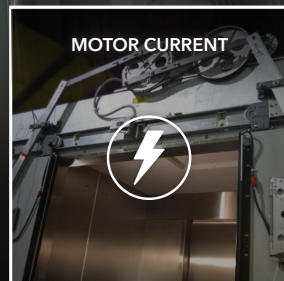
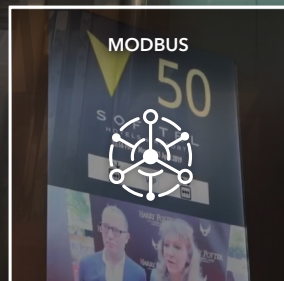
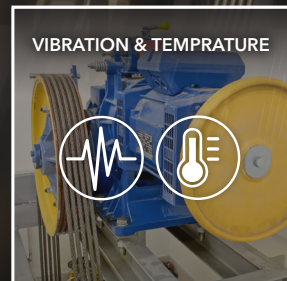
- Waterproof
- Shockproof
- Dustproof
- Wireless

Pixel Lift Monitoring uses our industrial series of IoT devices and cloud platform in conjunction with existing lift encoders and devices commonly installed in today elevators. With our modular design our sensors include WIFI, LAN, 4G and LoRa connectivity options, with the sensors packaged inside separate industrial grade IP rated enclosures making our solutions both easy to install and commission. With a wide range of sensors and or Modbus input available, we can configure a tailored solution that suits your business needs and objectives.

Specifications:

- Industrial Modular Design
- IP-68 Rating*
- Hub gateway with upto 8 Modular Sensors
- Connection over LoRa upto 1.5km
- Low Power & Smart long life Battery Powered options for seamless installation

*IP Rating based on sensors used.



Standard Inclusions:

Temperature & Vibration sensor for the Lift Motor.

- Monitor lift operation motor wear & tear

Modbus input connection to Pixel 485 data bus

- Monitor lift positioning and Lift modes such as Lift arrival, Out of order, Exclusive service, Fire service.

Motor Current

- Monitor voltage current usage to lift motor drives & door & lighting operation.

Other Inclusions:

Light & Lux monitoring

- Monitor lights on / off in the lift, lift shaft and motor room and ensure lift is meeting standard lux operation.

Ride Analyser

- Monitor lift rides and routinely audit ride quality for analysis.

Water Ingress

- Monitor areas such as the Lift Pit to detect water flooding to the pit.

Custom Sensors

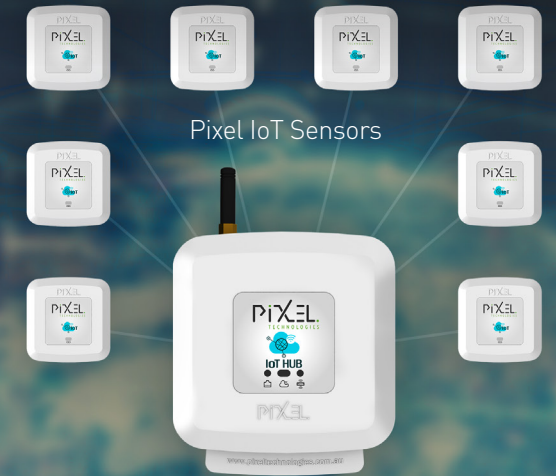
- We can configure a tailored solution the suits your business needs and objectives.

4G Ready ✓

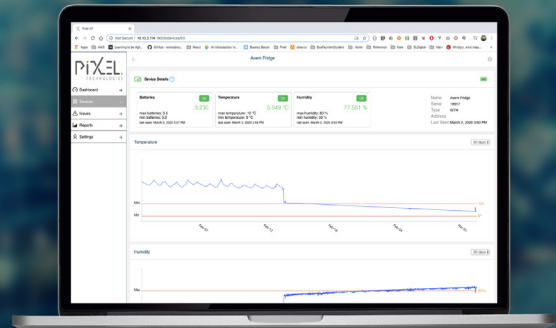
WiFi Ready ✓

Narrowband IoT Ready ✓

- IoT
- Alarm
- Motor Current
- Speed & Direction
- Wireless
- Energy Save
- Temperature
- Motion Detection
- Lux Meter
- Lift
- Water Ingress
- Safety
- Escalator
- Battery Backup
- GPS
- Vibration
- Pressure
- Depth
- Humidity
- CO2



Pixel IoT Hub Gateway



Pixel IoT Platform



Application Program Interface

Pixel data is securely published via standard integration technologies to AWS or pushed direct to your existing API.



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