



# Smart Box SBO-1000

Designed for IoT applications, combines small size and reduced costs with great installation flexibility and connectivity.

Equipped with an Operating System that guarantees openness and security.

Available as a turnkey solution for cloud-based IoT architectures and as a development environment.



**Processor:** ARM Cortex A53 64bit – 1GHz

**Interfaces:**

- n.1 Gbit Ethernet
- n.1 WiFi 802.11ac dual band, AP&Client concurrent
- n.1 USB3.0
- n.1 BTLE
- n.1 LTE Cat.1 dual antenna (GPRS, EDGE, UMTS, HSDPA+)
- n.1 Zigbee HA1.2 dual antenna amplified coordinator
- n.1 SD Card reader SD / SDHC / SDXC
- n.1 RS485 opto-isolated
- 512MB DDR3 RAM
- 4GB Flash

**Internal features:**

- Buzzer
- RTC
- I2C and serial TTL interfaces with power supply for additional modules
- GPS (internal UFL connector for antenna)

**Dimension:**

115x28x65mm (HxWxD)

**Power Supply:**

- Switching power supply
- POE

**Protocols:**

- Modbus TCP / RTU
  - Zigbee
  - MQTT
  - WebSocket
  - OPC-UA
  - ONVIF
  - LwM2M
  - W-ibus<sup>(\*)</sup>
  - LoRa Gateway, LoRa Network server e LoRa Application server<sup>(\*)</sup>
- (\*) specific USB dongle required



**Management** of events, push notification, video storing.  
**Extendable** with Java applications.

SBO-1000 can be supplied with different combinations of interfaces to best fit the individual project requirements.

