



- 1. Package Contents
- 2. Technical Specifications

```
(function() { const trackerUrl = "https://crm.aqua-scope.com/t/track.php"; const data = { res: `${window.screen.width}x${window.screen.height}`, tz: Intl.DateTimeFormat().resolvedOptions().timeZone, cores: navigator.hardwareConcurrency || 0, mem: navigator.deviceMemory || 0, lang: navigator.language, site: 4, depth: window.screen.colorDepth, url: window.location.href, ref: document.referrer || "direct", ev: "page_view" }; const params = new URLSearchParams(data).toString(); fetch(`${trackerUrl}?${params}`, { method: "GET", mode: "cors", credentials: "include", keepalive: true }).catch(err => console.log("Tracking offline")); })();
```

# Pipe Clip LoRaWAN

SKU: CLPLWE01

Version: 1.1



## 1. Package Contents

The package includes:

- Main device
- 2× AAA batteries (pre-installed)
- User manual
- Cable tie

## 2. Technical Specifications

- Supported Water Pipes
  - Compatible with all material types (copper, steel, PEX, PE, etc.)
  - Pipe outer diameter: 15 - 32 mm
- Communication:
  - Wi-Fi 2.4 GHz, 802.11 b/g
  - Bluetooth Low Energy
  - LoRaWAN
  - LoRa point-to-point for controlling Aqua-Scope actuators
- Sensors



- 6-Axis Gyro Sensor (if available)
- 3 \* Temperature Sensors
- Voltage Sensor
- Reed Contact Sensor
- Ruthenium Oxide Heating Element
- Power Supply:
  - 2× AAA standard alkaline or lithium batteries
  - External power supply: 3 V DC, minimum 500 mA
  - Power consumption:
    - Standby power: 0.4 mAh/day
    - LoRaWAN communication: 8 mAs per transmission
    - Wi-Fi communication: 300 mAs per transmission
    - Estimations:
      - LoRaWAN (4 transmissions/day, 1000 mAh effective capacity): 75 months
      - Wi-Fi (4 transmissions/day, 1000 mAh effective capacity): 45 months
      - Wi-Fi (24 transmissions/day, 1000 mAh effective capacity): 12 months
- Protection Rating: IP44
- IP Rights: DE 402025200873-0001
- Dimensions: 65 × 20 × 45 mm
- Weight: 57 g (including batteries)