

# Atmos Eclipse



## Eclipse provides essential instrumentation as part of a leak detection system in one package

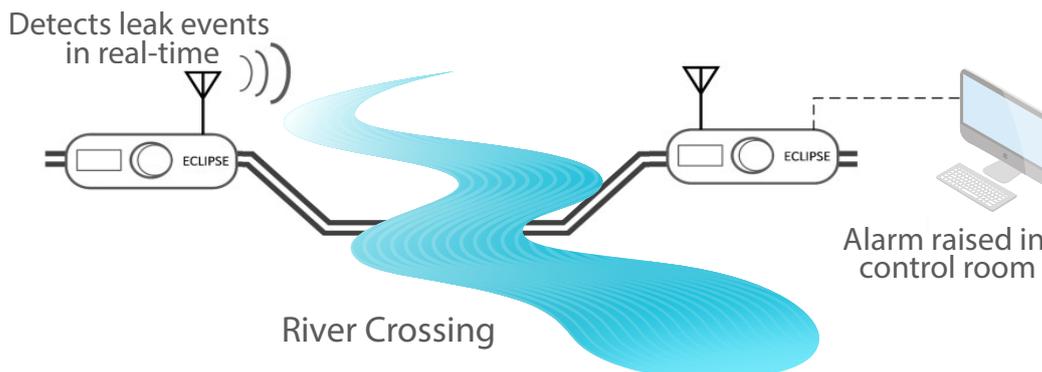
Designed for rapid deployment by any end-user, Eclipse integrates non-intrusive flow, pressure, and vibration measurement instrumentation with cellular or radio communications to provide sensitive, real-time, pipeline leak detection anywhere it is needed.

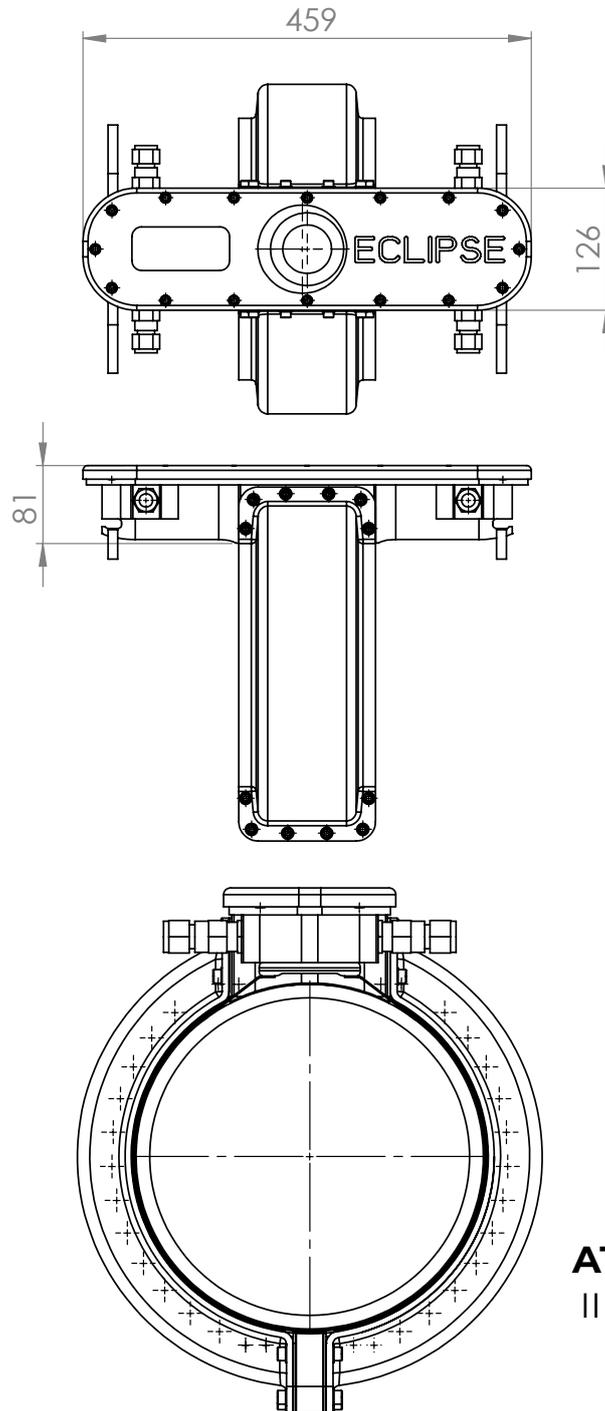
This non-intrusive technology assures low-cost installation of leak detection for shut-in and flowing conditions with minimal downtime. Integrated ultrasonic transducers automatically detect process direction, speed-of-sound, and flow magnitude.



### Technical details

- Voltage: 24 VDC/110-240 VAC
- Power: 4.8W
- Operating temperature: -20°C to +60°C
- ATEX/IECEX: Zone 1 Gas IIA, T6
- Ingress: IP66
- Material: Aluminium 6082 t6
- Coating, Epoxy: RAL 7035
- Communications: 3G, TCP/IP, 902-928M Hz RF Link, or RS485
- RF output: <1-2W
- Sample rate: 60Hz
- Ultrasonic output: 1W
- Pipe diameters: 3"-24"





**ATEX/IECEX**  
II 2 Gb IIA T6



Atmos International (Atmos) provides pipeline leak detection and simulation technology to the oil, gas, water, and associated industries. The company was founded in 1995 in the UK by the inventor of the statistical pipeline leak detection system – Atmos Pipe,

now one of a suite of leak and theft detection solutions from Atmos. These technologies are implemented on hundreds of pipelines in over 50 countries, including major oil and gas companies such as Shell, BP, ExxonMobil, and Total.

With associated offices in the USA, China, Russia, Singapore and Costa Rica, and local agents in 28 countries, the multi-cultural and multilingual team can provide effective support all over the world.

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