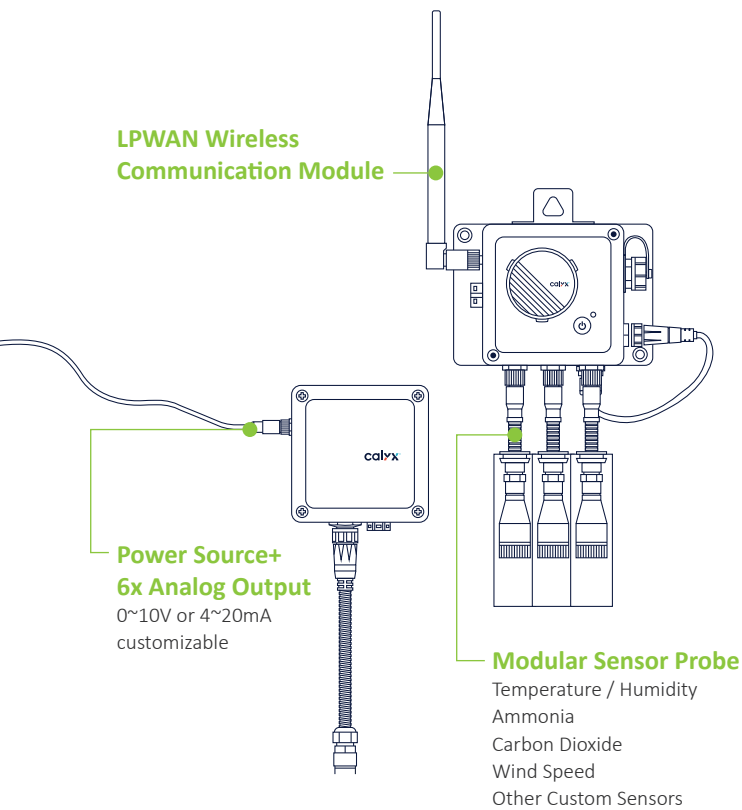


# Environmental Sensor



The ultra high-precision monitoring system has the advantages of rapid deployment and simple maintenance. The method translates into smart precision livestock farming.



Item	EPD30 Standard type
Display	LCM 128*64 pixel backlit type
Buttons	Tri-button operation
Communication interface	RS-485 (Modbus) (Optional support for ZigBee Pro wireless transmission)
Accuracy	±0.5% of reading@1m/s(0.2% optional)
Medium temperature	-20 ~ 120 BC(PTFE Lining)
Ambient temperature	-40 ~ 70 °C *
Fluidic conductivity	> 5 uS/cm
Measuring scope	0.1m/s ~ 10m/s
Current output accuracy	0.1% of Pulse Output Accuracy Temperature coefficient (1000ppm/°C)
Operating pressure	16 Kg/ cm2
Current output mode	Proactive
Analog output	4 ~20 mA
Power consumption	< 10 W
Excitation mode	Pulse DC
Vibration regulation	IEC 60068-2-3
EMC regulation	IEC / EN 61326-1 Class A table2

## Key Features

- \* 24/7 monitoring
- \* Support temperature, humidity, carbon dioxide, ammonia
- \* Alarm setting & reminder
- \* 5mins quick installation
- \* The sensor does not need to be calibrated