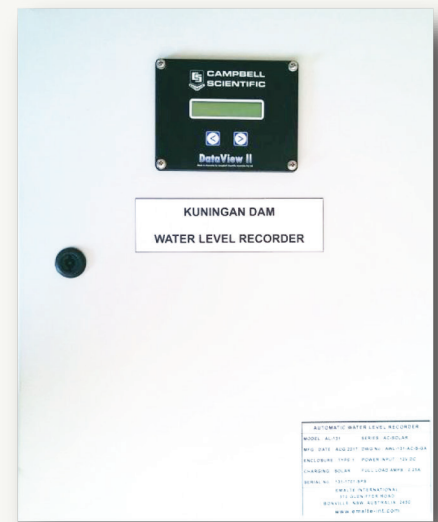




# Automatic Water Level Recording System



AL-131-AC-S-BS Series

## SPECIFICATIONS:

### Power:

12V DC, 0.5A maximum

### Solar Panel:

12V 20W

### Battery:

12V 56Ah minimum Use 2 x 12V 28Ah in parallel

### Enclosure:

IP65  
SS 316  
Two door locks  
2 air vents

### Data Logger:

12V DC, <1mA quiescent

### Display:

12V LCD

### Pressure Line:

200m of pressure tubing

### Outlet:

Gas Chamber Orifice with fittings

### Application:

Dam Water Level Monitoring  
V Notch WL Monitoring  
River level monitoring

## AL-131-AC-S-BS - OVERVIEW:

The AL-131-AC-S-BS is an electronic scientific measurement system for water level monitoring based on Campbell Scientific products.

## FEATURES:

- IP65 316 SS enclosure complete with 30 degrees sloping roof for outdoor deployment
- External Campbell Scientific Dataview for real time viewing of water level
- Campbell Scientific CR800 data logger and program to suit the location
- Solar regulator and 20W solar panel and bracket HYQUEST Air Bubble System including pressure sensor to 30m range
- 4G Packet Data Modem, Ethernet connection Electrical main switch, fuses and terminals earth cable and fittings
- Telemetry options include: Satellite, Radio, RS485 cable. Fibre Optic cable.

The AL-131-AC-S-BS is manufactured by EMALTE Australia in partnership with PT Gistec Prima Corporation. It is engineered to suit Indonesian conditions.

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**AIR BUBBLE SYSTEM  
WITHOUT TELEMTRY**

**AL-131-AC-S-SS-8-BS**

Automatic Water Level Recorder System complete with bubble system 200m tubing, Gas Chamber Orifice, 4G RV50 modem, antenna.

Data logger CR800 with program, CD295 display and program.

Stainless Steel cabinet with 30 degree sloping roof, side vents.

Security Door Switch.

Solar Power supply. Drawings and manual included.

Air Freight by Gistec DHL A/C.

Ready for telemetry to be installed.

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**AIR BUBBLE SYSTEM  
WITH GSM TELEMTRY**

**AL-131-AC-S-SS-8-BS-GSM**

Automatic Water Level Recorder System complete with bubble system, 200m tubing, Gas Chamber Orifice, 4G RV50 GSM modem, antenna.

Data logger CR800 with program.

NL201 Ethernet adaptor, CD295 display and program.

Stainless Steel cabinet with 30 degree sloping roof, side vents. Security Door Switch.

Solar Power supply. Drawings and manual included.

Air Freight by Gistec DHL A/C. vents. Security Door Switch. Solar Power supply.

Drawings and manual included.

Air Freight by Gistec DHL A/C.

Ready for telemetry to be installed.

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**AIR BUBBLE SYSTEM  
WITH RADIO  
TELEMTRY**

**AL-131-AC-S-SS-8-BS-RT**

Automatic Water Level Recorder System complete with bubble system, 200m tubing, Gas Chamber Orifice, GE MDS ORBIT radio, antenna equipment,

surge arrester. Data logger CR800 with program.

NL201 Ethernet adaptor, CD295 display and program. Stainless Steel cabinet with 30 degree sloping roof, side vents. Security Door Switch.

Solar Power supply. Drawings and manual included.

Radio telemetry can be spread spectrum of licensed depending on site conditions and requirements.

Air Freight by Gistec DHL A/C.