



Pumped Kiosk Telemetered Outstation

The AquaHawk is a remote pumped kiosk outstation, designed to take water quality samples in conjunction with a multi-parameter sonde that will measure the water quality.

The kiosk can be used for **water quality monitoring in rivers** or **final effluent monitoring in Treatment Works**.

The rugged and compact kiosk features:






- ☞ A unique vacuum pump for faster sampling, better vertical lifts and longer sampling distances.
- ☞ User programmable alarm thresholds, sample interval and dial out frequency.
- ☞ Low-power consumption with minimal moving parts.

Quality data, collected safely and without compromise




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Key features & benefits

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Vacuum Pump
 Suction heights up to 6.5m (optional 8.5m or up to 20m). Standard System can be upgraded to the Power Booster System for specific sites to provide up to 20m suction height (optional extra).
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Microprocessor
 Control of pump cycle, measurement intervals, data logging, battery control, data transmission & Security.
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Programmable Alarms
 Sent immediately via SMS or email. Logging frequency can be changed upon alarm.
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Low Power with Solar panel
 Available with optional solar panel if needed (based on sample frequency).
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Event Sample
 1 Litre Event Sample can be taken when alarm thresholds are breached.

Applications

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 The AquaHawk pumped kiosk is designed for use with a multi-parameter sonde and with minimal moving parts it requires very little maintenance.
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 Flexible and capable of sending near real-time water quality data to our secure data platform or API data to third party platforms.
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 The AquaHawk is lightweight, has modular parts for easy maintenance, has a very small footprint and is easy to install. It can be used in sites with all flow conditions, including on flood plains due to its elevated legs.

Product information

Vacuum Pump	Vacuum-Pumping System 6.5m Vertical Lift Auto pre & post sample purge
Power	5+ year lifetime OTA power plans End of life monitoring 30uA sleep consumption
Battery	Advanced LXD110 Dual Purpose Leisure Battery 110ah Field replaceable
Enclosure	Weather Resistant 850x640x300mm HxWxD Vented Reinforced Polyester
Connectivity	MQTT NB-IoT CAT-M1 2G and GPRS
Security	Schneider Enclosure Door and tilt alarm with GPS tracking system (optional extra) Kiosk Early Warning Flood Alarm (optional extra)
Other	Kiosk Colour Options Available 34KG in weight (without battery) 49KG in weight (with battery)



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