



PRODUCT  
DATASHEET '24

# ADVANCE ANALYTIK

REVOLUTIONIZING ONLINE MONITORING SOLUTIONS



## Viz Duo

### Dual channel transmitter

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# Viz Duo

## (Dual- channel transmitter)

The *Advance Analytik Viz Duo* Dual- channel transmitter is an advanced instrument designed for comprehensive water quality monitoring.

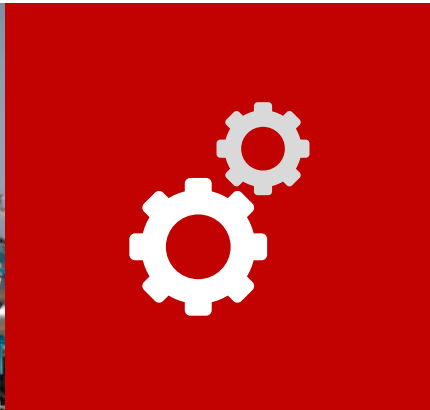
Capable of measuring multiple parameters such as pH, DO, ORP, conductivity, turbidity, SS, and others, this device offers versatility for a wide range of applications. Its plug-and-play sensor integration simplifies setup, while the flexible configuration allows users to adapt the system to their specific monitoring needs. The transmitter's user-friendly interface enables real-time data visualization and seamless integration with data logging systems, ensuring efficient data management.

With its cutting-edge technology, the *Viz Duo* transmitter delivers reliable and precise measurements even in challenging environmental conditions. Its robust construction ensures long-term durability and accurate data collection over extended periods, making it suitable for various industries and research fields. Whether it's assessing water quality in aquaculture, wastewater treatment, environmental research, or industrial processes, the *Viz Duo* provides valuable insights into keywater parameters. This enables timely interventions, ensuring watersafety and sustainability for the benefit of both ecosystems and human populations.



### Product Features

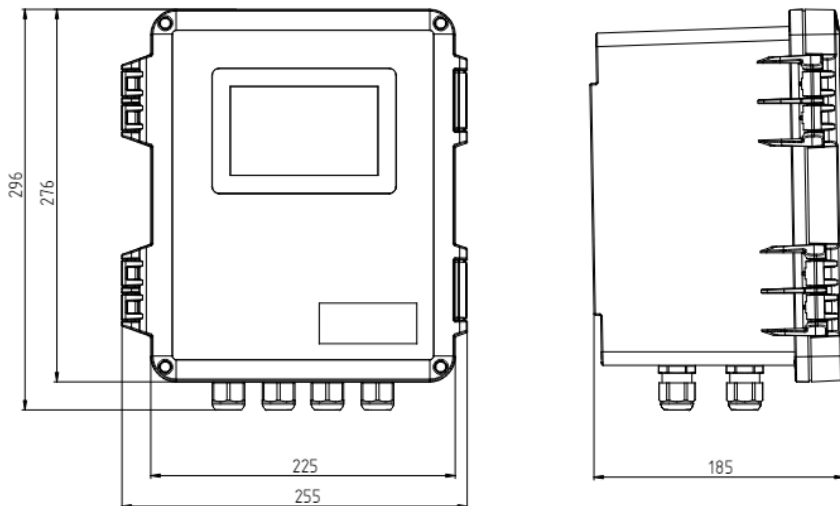
- User has freedom to select a combination of two sensors.
- Achieve plug and play of sensors, quick and convenient electrode installation and replacement;
- Simple to use, reliable results, interface operation instructions can reduce operation errors;
- LCD screen featuring self-diagnostic message prompt with password protection;
- With 4 ~ 20mA, MODBUS RS485, multiple data output methods;
- Automatically prompt error and alarm information, and realize the upload of alarm signal;
- The transmitter supports wall mounted installation/panel installation/ pipe installation/ pole installation;
- Existing time display, data storage and historical data viewing functions; Optional data wireless transmission module.



# Technical Specification of VIZ Series Transmit

## Viz Duo Channel Transmitter

Inputs	Select any two Sensor (Digital/Analog/4 to 20 mA/ISE) pH - Analog pH - Digital ORP - Analog ORP - Digital Chlorine Sensor - Potentiometric Conductivity/Total Dissolved solids - Analog/Digital Dissolved Oxygen - Polarographic/Optical Turbidity - Digital Sludge Level - Optical/Digital UV-VIS Sensor - (COD,BOD,TOC,TSS,Color,UV 254) Total Suspended solids - IR Based Ion Selective Electrode - Analog/4 to 20 mA Temperature - PT100,PT1000, RTD, Thermocouple
Outputs	2 x 4-20mA active output (load of 500 ohm max)
Relays	2 x electromechanical SPDT (Form C) contact, 5 A Programmable individually for high or low alarm.
Free sockets	4 x free sockets for additional modules among 4-20mA input module, 2-wire or 4-wire (15V DC source, 50 mA max) 4-20mA active output
Measuring mode	Continuous/Cyclic/Dynamic Mode
Memory	16 GB Memory Card (Stores 1 Year measurement Data) Depending upon measurement cycle frequency.
Power supply	90 - 265 VAC 47/63 Hz or 24V DC 0.5 A
Touch Screen	5.0" Inch Colour TFT LCD 800 x 480 pixels with Industrial projected capacitive touch screen.
Communication Interface	RS 232 and RS 485
Certifications	CE, EN 61010-1, EN 61326,IP66,IP68
Enclosure	IP66, IP68 (24 Hours-2M Depth) Industrial Polycarbonate Housing Optional pipe mounting brackets/ Pole Mounting/Wall Mounting/Panel Mounting Brackets.
Dimensions	296 x 225 x 185 mm
Weight	3 kg approx. (Depending on Configuration)





# APPLICATIONS



## Water Treatment Plants

For monitoring water quality in treatment processes and ensuring compliance with regulatory standards.



## Environmental Monitoring

For assessing water quality in natural ecosystems, identifying pollution sources, and protecting aquatic biodiversity.



## Aquaculture Farms

To maintain optimal conditions for aquatic life, allowing for healthy growth and production.



## Research Institutions

For conducting scientific studies related to water quality and environmental monitoring.



## Industrial Process Control

For quality control in industrial processes that involve water usage.



## Wastewater Treatment

To monitor and optimize the efficiency of wastewater treatment processes.



## Food and Beverage Production

For ensuring the quality of water used in food and beverage production, meeting industry standards.



### Note -

*This data sheet serves as general information about the DUAL CHANNEL CONTROLLER. For specific technical details, installation guidelines, and troubleshooting assistance, please refer to the official user manual provided with the product.*

*For inquiries and detailed technical information, please contact [sales@advanceanalytik.com](mailto:sales@advanceanalytik.com).*



# LET'S CONNECT !

Let's work together to find a solution that works for you



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