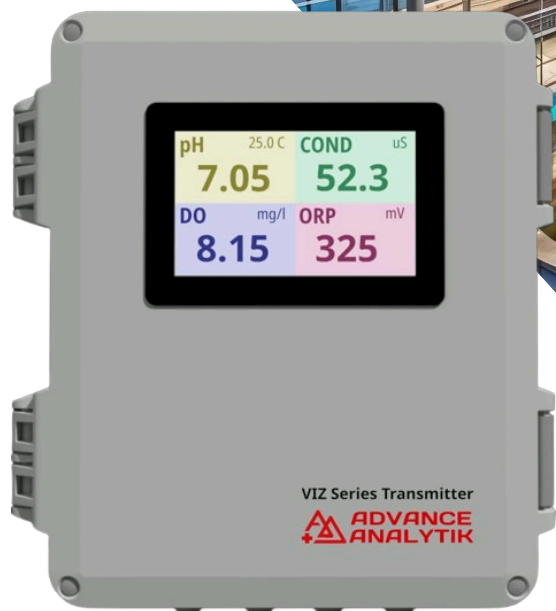




PRODUCT  
DATASHEET '24

# ADVANCE ANALYTIK

REVOLUTIONIZING ONLINE MONITORING SOLUTIONS



## Viz Multi

### Multi channel transmitter

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# Viz Multi

## Multi-Parameter Transmitter

The Viz Multi-Parameter Transmitter is an advanced solution for simultaneous monitoring of diverse parameters, catering to a wide range of customer requirements. Designed for applications in water quality monitoring across wastewater treatment plants, waterworks, water stations, surface water, and industrial settings, this versatile transmitter brings unparalleled flexibility and ease of use to the field. With support for up to 4 sensors, various data transmission options, and a user-friendly interface, the Viz Multi ensures efficient integration, reduced operational costs, and reliable parameter monitoring.



### Product Features

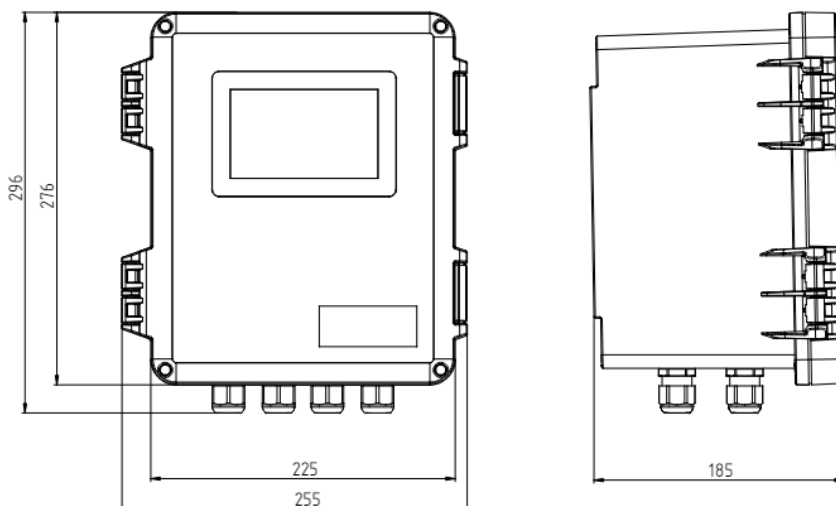
- **Enhanced Sensor Integration:** Connect up to 4 sensors to streamline integration and decrease operating and maintenance expenses.
- **Sensor Compatibility:** Accommodates both common digital sensor interfaces and analog sensors with configurable options
- **Effortless Sensor Management:** Quick and convenient electrode installation and replacement through sensor plugs and simplified operations.
- **Versatile Data Transmission:** Multiple data transmission methods, including 4~20mA, MODBUS RS485, and wireless transmission, ensure seamless connectivity.
- **Intuitive Touch Screen:** A 5-inch color touch screen offers easy operation, learning, and reliable system control with minimal maintenance.
- **Dynamic Parameter Monitoring:** Benefit from data storage and curve display functions for real-time monitoring of parameter dynamics.
- **Error and Alarm Management:** Receive automatic reminders for errors and alarm information, along with alarm signal uploading for prompt attention.
- **User Access Control:** Three levels of management authority provide enhanced security and access control.
- **Flexible Mounting Options:** Choose between wall mounting, panel mounting, pole mounting, pipe mounting to suit different installation environments.
- **Wireless Connectivity:** Optional wireless data transmission module empowers remote monitoring and control.



# Technical Specification of VIZ Series Transmit

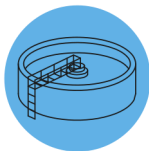
## Viz Series - Multi Channel Tranmitter

Inputs	Select any Four 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	4 x 4-20mA active output (load of 500 ohm max)
Relays	4 x electromechanical SPDT (form C) contact, 5 A Programmable individually for high or low alarm.
Free sockets	6 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

The Viz Multi ensures accurate parameter monitoring, contributing to effective wastewater treatment processes and regulatory compliance.



## Waterworks and Water Stations

In water supply systems, the Viz Multi maintains optimal water quality, enhancing public health and safety.



## Surface Water Monitoring

This transmitter supports continuous monitoring of surface water bodies, aiding environmental assessment and protection.



## Industrial Process Control

Industries benefit from the Viz Multi by closely monitoring water quality for production processes and environmental responsibility.



### Note -

*This data sheet serves as general information about the MULTI 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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