



PRODUCT
DATASHEET '24

ADVANCE ANALYTIK

REVOLUTIONIZING ONLINE MONITORING SOLUTIONS



VizSens-NH4N

Ammonia Nitrogen (NH₄-N) Sensor

www.advanceanalytik.com

sales@advanceanalytik.com

VizSens-NH4N

Ammonia Nitrogen Sensor

The VizSens-NH4N is a highly accurate and reliable sensor designed for measuring Ammonia Nitrogen (NH₄- N) levels in water. With a pH range of 4- 10 and a precision of ± 0.1 , it ensures precise and consistent readings. Operating up to 10 meters underwater with IP68 protection, it's suitable for various environmental applications. Compatible controllers, the VizSens-NH4N supports RS-485 and MODBUS protocol for seamless integration and data transmission.



Product Features

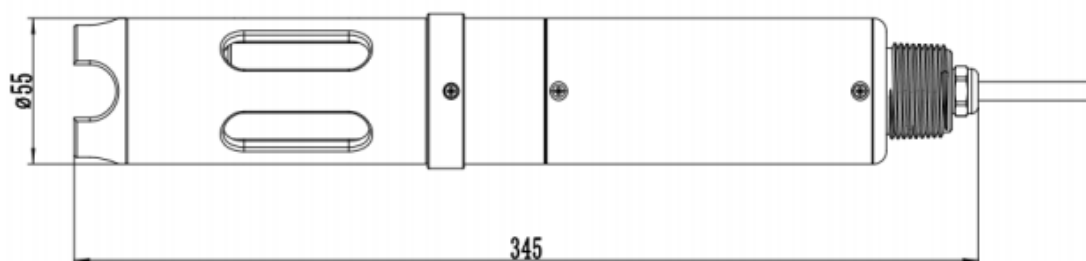
- **Digital Sensor:** Delivers accurate and precise NH₄-N measurements.
- **RS-485 Output:** Supports data transmission using the MODBUS protocol.
- **Eco-Friendly:** Reagent-free, reducing pollution and promoting environmental sustainability.
- **Automatic Compensation:** Compensates for pH and temperature for enhanced accuracy.



VizSens-NH4N

Technical Specifications

Basic Specifications	
pH Range	5-10
pH Accuracy	±0.1
pH Resolution	0.01
Ammonia Nitrogen Range	0.1-3000mg/L NH4-N
Accuracy	±5% of the measured value or ±0.2mg/L
Resolution	0.01 mg/L
Protection Level	IP68/NEMA6P;
Repeatability	±5% or ±0.2mg/L
Operating Parameters	
Deepest Depth	Up to 10 meters underwater
Temperature Range	0 ~ 50°C
Probe Cable Length	5 meters (default), customizable
Housing Material	Polyoxymethylene (An Engineering Thermoplastic)



APPLICATIONS



Aquaculture Industry

Monitor NH₄N levels in fish tanks, ensuring optimal aquatic conditions.



Wastewater Treatment

Detect NH₄N concentrations in effluents, contributing to water quality management.



Environmental Monitoring

Assess NH₄N levels in natural water bodies, supporting ecological health evaluation.



Agricultural Water Management

Monitor NH₄N in irrigation runoff to prevent soil and water contamination.



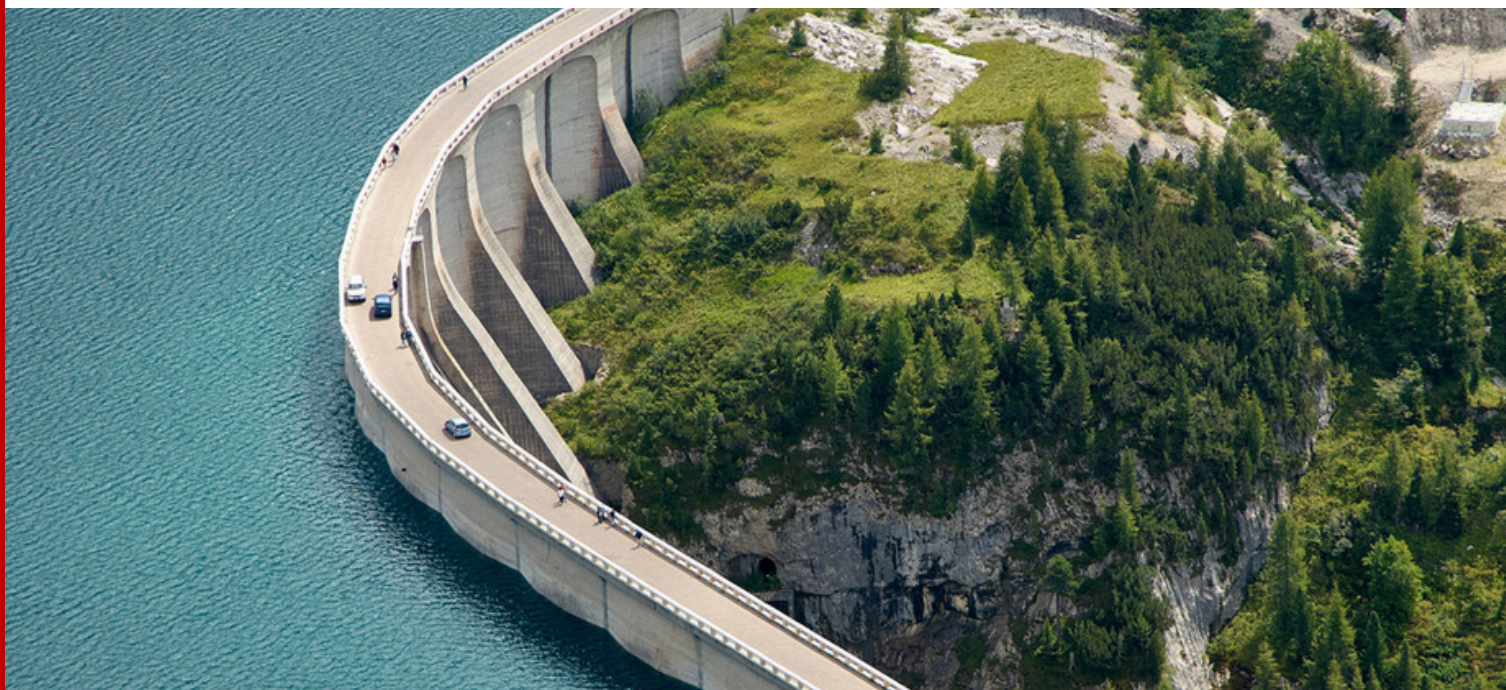
Research Institutions

Conduct NH₄N studies to understand nutrient cycles and environmental impacts.



Industrial Processing

Control NH₄N levels in manufacturing wastewater to meet regulatory requirements.



Note -

This data sheet serves as general information about the VizSens-NH₄N. 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.



LET'S CONNECT !

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



Contact Us :

+36 70328 6862

1132, Budapest Váci ut 16 Faz 12. ajto

<https://advanceanalytik.com>

sales@advanceanalytik.com

