

ALD-200

Transmission Line Dehydrator with Ethernet



ALD-200i(Indoor Type)



ALD-200e(Outdoor Type)

Product Overview

The ALD-200 is a high-reliability Transmission Line Dehydrator designed to remove moisture from RF transmission lines, ensuring stable system performance and long-term protection against corrosion. It supports Ethernet-based monitoring, an integrated LCD display, and intuitive front-panel control, making it suitable for a wide range of RF, telecom, and broadcast applications. The ALD-200 is available in Indoor(19" 2U Rack Mount) and Outdoor(NEMA 3 Enclosure) versions to match various installation environments.

Key Features

- Reliable transmission line dehydration for RF systems
- Ethernet interface for remote monitoring
- Built-in LCD display for real-time status
- Status indicators: Dry / Air Dewpoint / Alarm
- Front panel buttons
- Indoor 19" 2U rack mount
- Outdoor with NEMA 3 enclosure

Specifications

Dry Air Dew Point	< -40 °C (-40 °F)
Dry Air Flow Rate	1.0 L/min(Normal Operation), 0.7 L/min(Purging Operation)
Maximum Pressure	0.3 psig
Emergency Pressure Limit	0.3 psig
Dimensions (W x L x H)	Indoor: 482.6 x 308 x 88 mm (19.0 x 12.1 x 3.5 inch) Outdoor: 326 x 408 x 150 mm (12.8 x 16.1 x 5.9 inch)
Weight	Indoor: 9.4 kg Outdoor: 10.4 kg
Supply Power	100-240 VAC, 50/60 Hz
Power Consumption	20 W typical, 150 W max
Protocol	HTTPS / REST API
Alarm	High Dew Point / High Pressure / Low Pressure High Humidity / Low Purging Temperature
Installation	Non-hazardous locations
Temperature	Storage: -40 °C to 60 °C (-40 °F to 131 °F) Operating: -40 °C to 55 °C (-40 °F to 140 °F)

Antenna Link

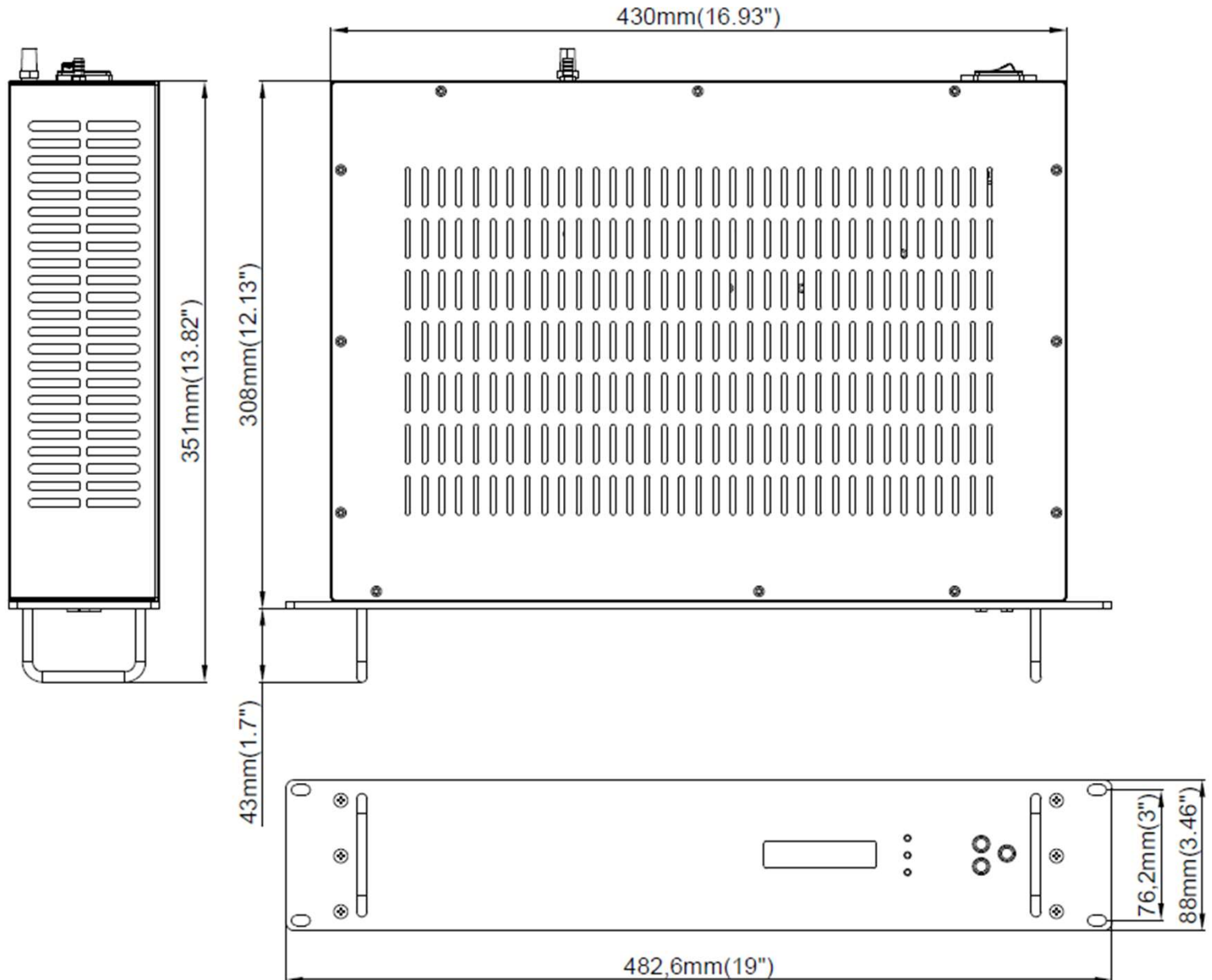
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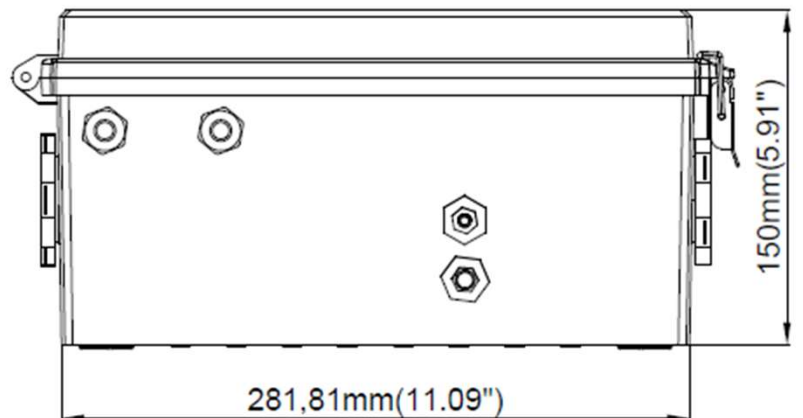
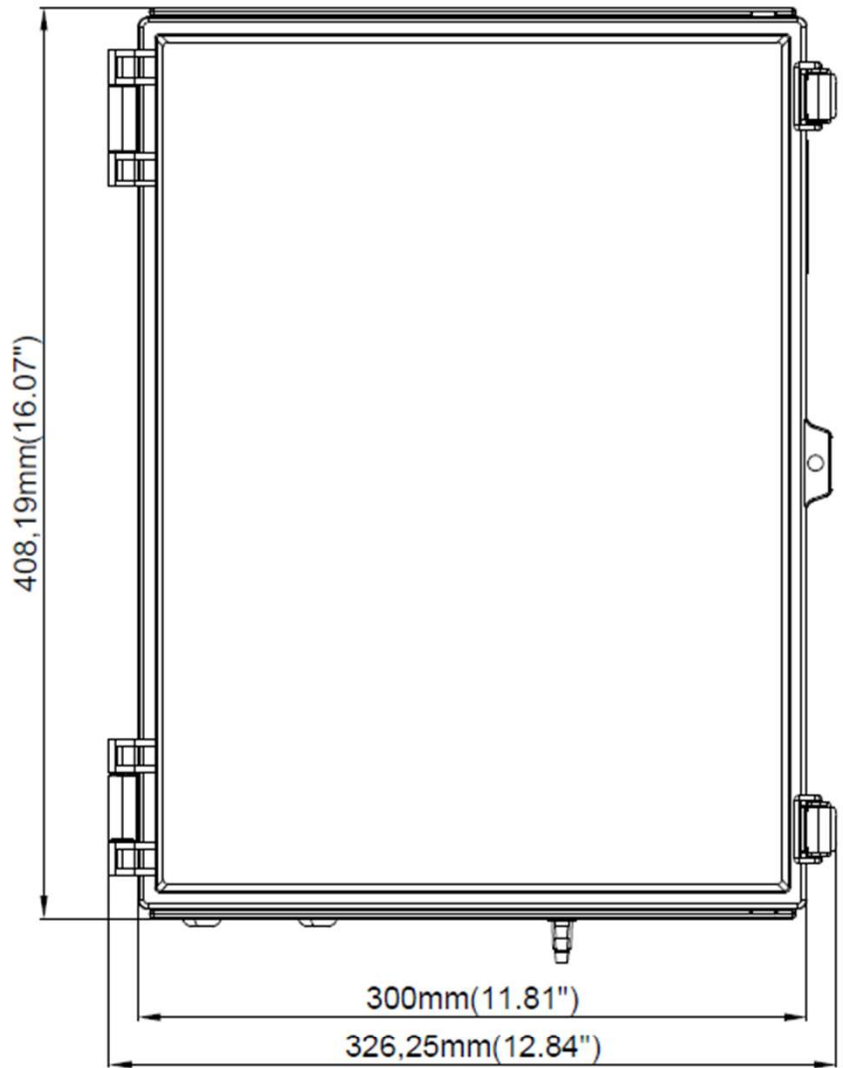
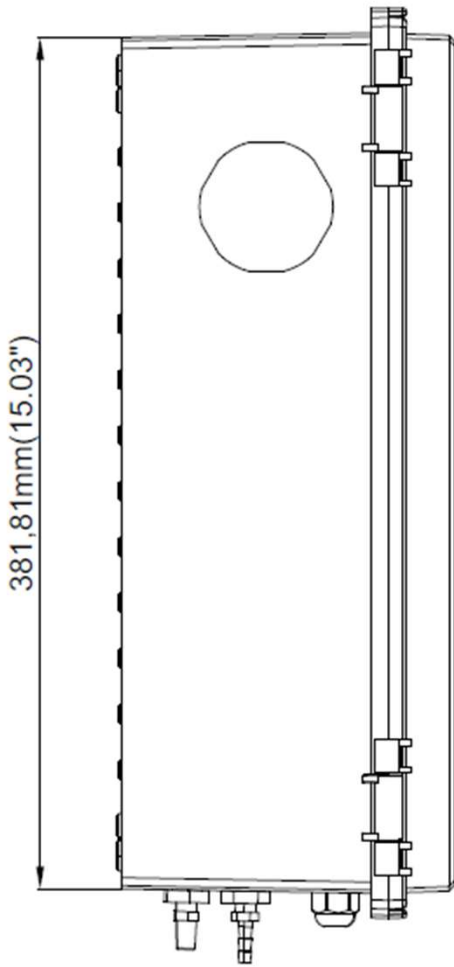
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