

## DNR-FAN-925

### Auxiliary cooling fan board

- DNR-FAN for use in RACKtangle™ I/O chassis
- Provides extra cooling for special high-power DNR I/O boards
- Included with DNR-AI-256 RVDT/LVDT/Synchro/Resolver board
- Built-in diagnostics allows API to read board voltage, current and fan RPM
- Low noise fan (29.0 dB-A)
- High reliability brushless fan
- 15.54 CFM (0.440 m<sup>3</sup>/min)

10-Year  
Availability  
Guarantee



[DNR-FAN-925 Shown]

### General Description:

The DNR-FAN-925 is an auxiliary cooling fan board for use with UEI's popular RACKtangle I/O chassis. The fan board is designed for use with the DNR-AI-256 high output, Synchro/Resolver/RVDT/LVDT board.. Simply install the FAN-925 in the slot to the right of the DNR-AI-256 and it will provide all cooling required. The 29.0 dB-A fan is exceptionally quiet and will not noticeably increase ambient noise.

The fan is designed to run any time the Cube/RACK is powered up. The API provides diagnostics and allows the host PC to read the board's power supply voltage and current as well as the fan RPM.

Software included with the DNR-FAN-925 provides a comprehensive yet easy to use API that supports all popular Windows programming languages as well as supporting programmers using Linux and most real-time operating systems including QNX, RTX, VXworks and more. Additionally, the UEIDAQ Framework supplies complete support for those creating applications in Windows based data acquisition software packages such as LabVIEW, MATLAB/Simulink, or any application which supports ActiveX or OPC servers.

### Technical Specifications:

Configuration	Cools board to the left in the rack
Operating mode	Fan runs any time power is on
Output noise (in RACK)	29.0 dB-A
Air flow	15.54 CFM (0.440 m <sup>3</sup> /min)
Included with	DNR-AI-256
Power consumption	1 W max
Operating temp. (tested)	-40°C to +70°C (Internal RACKtangle chassis temp)
Operating humidity	95%, non-condensing
Vibration IEC 60068-2-6	3 g, 10-500 Hz, sinusoidal
IEC 60068-2-64	3 g (rms), 10-500Hz, broadband random
Shock IEC 60068-2-27	50 g, 3 ms half sine, 18 shocks @ 6 orientations 30 g, 11 ms half sine, 18 shocks @ 6 orientations

### Ordering Information:

Part #	Description
DNR-FAN-925	Auxiliary cooling fan module for the DNR series RACKtangle chassis. The DNR-FAN-925 is included with the purchase of the DNR-AI-256