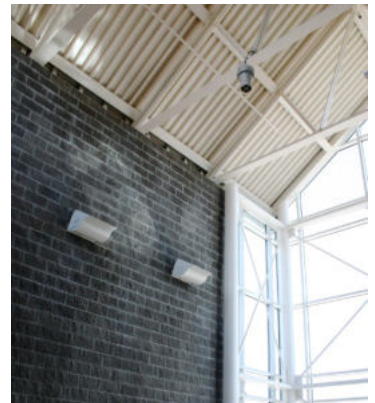# PEARLINK

Reduce installation cost & control your Airius fan system over 2.4Ghz WiFi

DISTRIBUTED COMFORT

The Pearlink control system offers total fan control from a desktop or mobile device. It integrates with existing WiFi to provide wireless connectivity for monitoring air temperatures and stratification levels for cooling and heating applications and to provide individual or grouped fan control. This factory installed option will replace all control wiring and manual wall controls. Each installation includes a floor sensor to be installed near your thermostat to monitor room temperature and stratification levels.

WHERE WE HELP

› Reduce installation cost by eliminating control wiring
› Control fans individually or in groups over 2.4Ghz WiFi
› Provide fan control from anywhere in the world on your portable device or laptop

Features

› Interface is web-based (Chrome/Firefox), iOS, or Android
› Monitor temperature and humidity at fan and floor level
› Utilise temperature information to provide cooling air flow
› Monitor Delta-T (stratification level)
› Monitor fans via the integrated tachometer
› Alerts for run time and/or stratification
› Upgrade firmware via Over The Air (OTA) encrypted firmware updates

V1.0AU

PEARLINK FAN CONTROL

Housing: PC/ABS, Off white (cool gray 2c)

Mounting: Factory installed at time of ordering.

Power Consumption
Idle: 16mA
TX/RX: 200mA

Wi-Fi Characteristics
802.11b/g/n 2.4 GHz
TX Power 18 dBm @ 1DSSS
RX Sensitivity   -96 dBm @ 1 DSSS
Range 100 meters

Sensors & Accuracy
Temperature Sensor +/- 0.5˚C
Humidity Sensor +/- 1% RH
Tachometer +/- 3%

Interface
Web-based (Chrome/Firefox), iOS, or Android (Mobile apps available in App Store and Google Play Store)

Requirements
2.4 GHz Wi-Fi network
Phone or tablet with iOS 8 or later, or Android 4 or later required for setup
Browser for accessing the web dashboard to control devices (PC or MAC)
A free Pearlink Account

Operating Conditions
Temperature 0 to 48.8˚C
Humidity Up to 90% RH
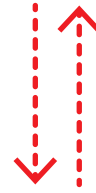Altitude Up to 3,300 mts

Ordering
The Pearlink control is a factory installed option. Please refer to the individual model data sheets for configuring your fan.
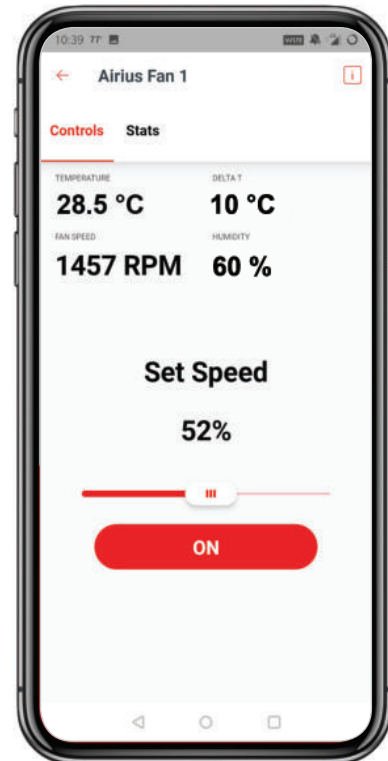
Warranty
1 years parts and workmanship.

AIRIUS FAN SYSTEM

AIRIUS CONTROLS SERVER

PHONE OR TABLET

V1.0AU

Housing: PC/ABS, Off white (cool gray 2c)

Power Cord: 240V, 1 metre (approx) cord and plug provided.

Mounting: Mount to an interior wall 1 metre A.F.F.

Recommendations: Airius recommends specifying one floor sensor per room. Multiple fans can be assigned to the same floor sensor.

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TX/RX: 200mA

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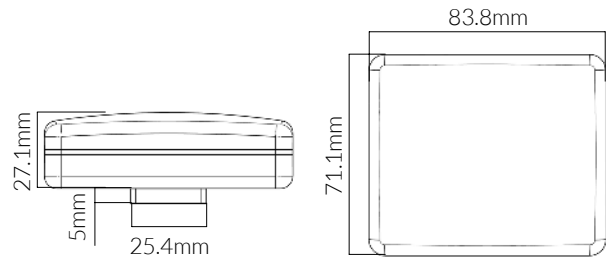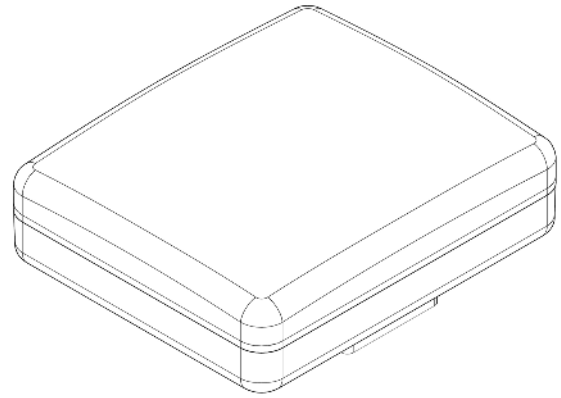A free Pearlink Account

Operating Conditions
Temperature 0 to 48.8˚C
Humidity Up to 90% RH
Altitude Up to 3,300 mts

Warranty
1 years parts and workmanship.

83.8mm

27.1mm

5mm

25.4mm

71.1mm

SCALE = NTS

V1.0AU