SUNON HVLS fan Touch HMI Panel N30 Manuals



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S Touch N30

4.3" Touch panel human-machine interface (HMI) device

- Simple intuitive user interface
- Enable operation, schedule, fan grouping and naming
- Centralized & multizone remote control







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Fans Controlled	1 ~ 30 Fans
Display	4.3 TFT
Resolution	480x272x16, defective pixels <= 3
Backlight Life	20,000 hours
Brightness	400 cd/m2
Communication Protocol	Modbus 485
Ingress Protection Rating	Front Panel: IP40
Dimensions (mm)	126 mm x 82 mm x 24 mm
Weight	183g
Installation	Wall Mounting
Power Supply	+12 ~ 48 VDC
Consumption	2.5W
Operating Temperature	−20 ~ +50°C
Storage Temperature	-30 ~ +80 °C
Humidity	10 ~ 90% RH, Non-condensing

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• Maximum communication distance: 300m

Chas TPD-430-H

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RoHS

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 Communication cable recommendation: double isolation cable 24AWG 2C(1P) / 4C(2P)

F.G.	Frame ground, F.G. (connected to the internal EMI or ESD protection circuit), please connect to the ground.
VDC	DC voltage input (range: +12V~+48V)
GND	Connect to the ground terminal of the power supply
Data+	Positive signal line of RS-485 network
Data-	Negative signal line of RS-485 network



Data -

Connect to HVLS fan controller PORT B interface

Data +

Connect to HVLS fan controller PORT A interface

GND

Connect to the power supply Vand HVLS fan controller PORT GND

VDC

Connect to the power supply V+

Mode configuration

Point the arrow to 2 execute program



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Start-up Guide User Interface





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Start-up Guide Developer Interface



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S Touch N30 User Interface



Fan Reset Procedure

Step 1. Select the fan to be reset.

Step 2. Click the reset button and wait for the status light to turn yellow.

Step 3. Select Fan Series & Airfoil Type.

Step 4. Click Save to set the motor code, and wait for the status light to turn gray.

Step 5. Click to enter Quantity & Fan ID settings.

Step 6. After adjusting the number of fans, click Save. (The number of fans must be greater than the number of fans to be set.)

Step 7. Select the fan number of the fan to be set.

Step 8. Click the button and wait for the status light to turn green





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