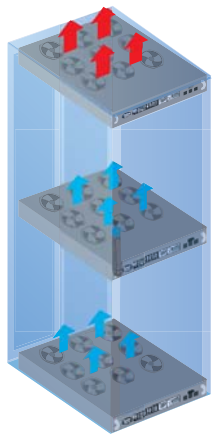


MRF-1.9

1U Rackmount Master IP Fan Tray



Server Rack



Top
Exhaust hot air out

Equipment
Cooling

Bottom
Cool air in

Key Features

- ▶ 1U rackmount w/ 9 fans
- ▶ Cascade ports for daisy chain up to 16 levels via Cat6 cable
- ▶ Designed for low noise & high airflow performance
- ▶ 1 x master IP fan unit allows access to 16 fan unit levels over internet
- ▶ Free [ICM-02](#) management software remote access up to 480 fan units
- ▶ Auto & manual CFM setting reduces power consumption
- ▶ 1 x temp. sensor port with a bundled sensor
- ▶ Temperature sensing technology adjusts the fan speeds accordingly
- ▶ Unit or individual fan on / off (remote or local)
- ▶ 48V, 24V or 12VDC power option



Specifications

• MRF-1.9 Master IP Fan Tray

IP Remote Access :	Yes
Daisy Chain Level :	1st level, Remote fan model RF-1.9 for level 2 - 16
No. of Fans :	9
Individual Fan CFM :	108 CFM
Unit CFM (approx.) :	972 CFM
CFM level :	Normal / High / Max.
Individual Fan on / off :	Yes
MTBF :	50,000 hrs
Individual Fan Noise Level :	41 dB

• Temperature Sensor

Temp. Port :	1 x temp. sensor port (sensor bundled)
Measurement Range :	0 to 99.9°C
Measurement Accuracy :	+/- 1.5%
Temperature Alarm :	Yes

• Weight

Net / Gross :	9 kgs (19.8 lbs) / 11 kgs (24.2 lbs)
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• Casing Color :

Black

• Environmental

Operating :	0 to 50°C Degree
Storage :	-5 to 60°C Degree
Relative humidity :	5~90%, non-condensing
Shock :	50G peak acceleration (11ms, half-sine wave)
Vibration :	58~100Hz / 0.98G (11ms / cycle)

• Mounting :

1U rackmount

• Safety Regulatory :

FCC & CE certified

• Environmental :

RoHS2 & REACH compliant by SGS

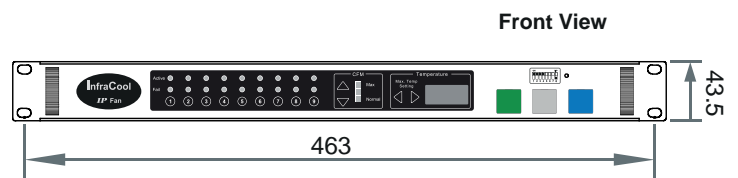
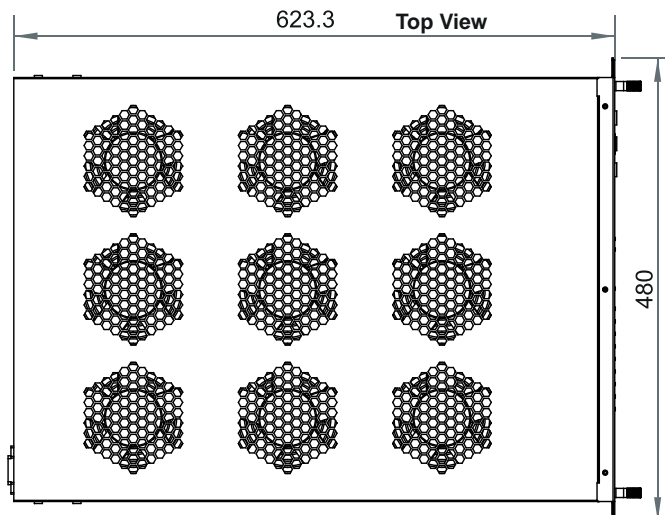
• Power

Input :	Auto-sensing 100V or 240V AC at 50 or 60Hz via IEC cord
Consumption :	60W

• Dimensions

Product :	480 x 623.3 x 43.5 mm / 18.9 x 24.5 x 1.71 inch
Packing :	550 x 730 x 120 mm / 21.7 x 28.7 x 4.7 inch

Diagrams (mm)



- Temp. port
- IP port for remote access
- Daisy chain OUT port