



Miniature Temperature Recorder

DEFI series

DEFI-T

ISO9001



JQA0950

Compact, high accuracy, and easy infrared communication.

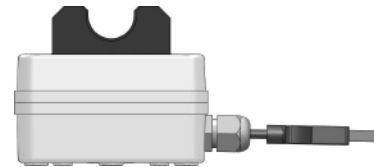


- Non-opening infrared communication
- Flashing LED light for activation check
- USB connection to PC (via interface unit)
- Powered by commercial AAA batteries
- Data logging: 9.2 days at 1sec int., 553 days at 1 min int.



JFE Advantech Co., Ltd.

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Sensor Specifications

Model	DEFI-T
Parameter	Temperature
Principle	Thermistor
Range	-3 to 45 °C
Resolution	0.001 °C
Accuracy	±0.01 °C (0 to 35 °C)
Response time	12 sec (90%)
Depth rating	2,000 m depth equivalent

Logger Specifications

Communication	Infrared to Interface Unit
Output/ transfer time	RS-232C, 115,200 bps / Approx. 20 minutes (fully recorded)
Memory medium	Internally installed flash memory 8 MB
No. of samples	850,000 samples at maximum
A/D converter	16 bit
Measuring mode	Continuous
Measuring interval	1 sec to 59 sec, 1 min to 60 min

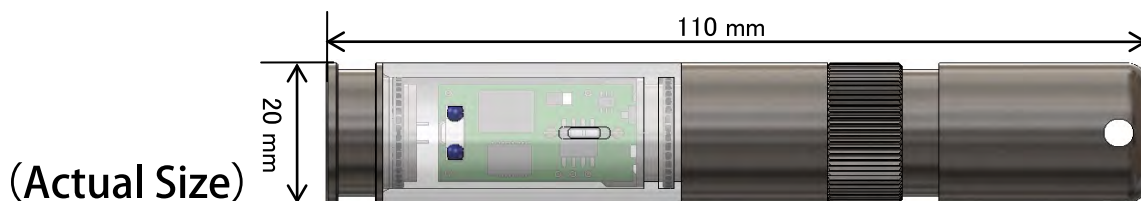
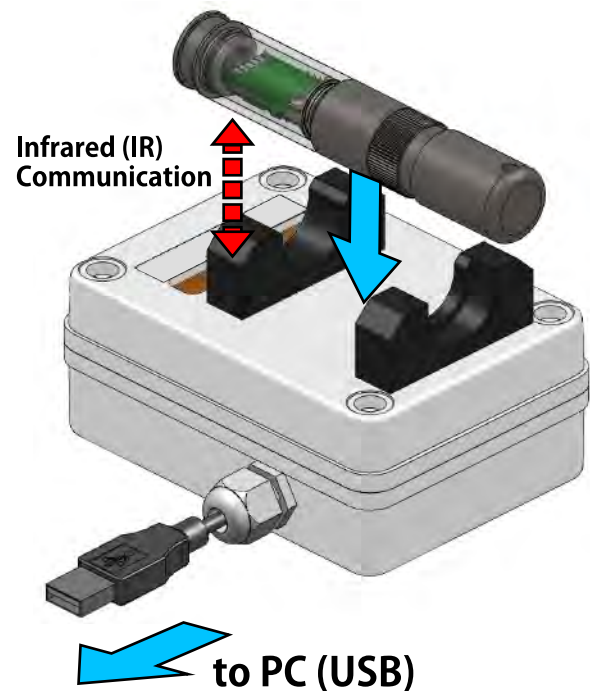
Power / Dimensions

Power source	AAA alkaline battery
Consumption	Approx. 35 mA (while logging)
Material	Body: Titanium / Window: Polycarbonate
Weight	in air 98 g, in water 63 g (including battery)
Dimensions	Φ 20 mm × 110 mm

Interface Unit Specifications (DEFI series)

Model	DEFI-IF
Communication	USB to PC (Ver.2.0) / Infrared to instrument
Power	USB bus power
Operation temperature	-3 to 45 °C (no condensation)
Material	ABS resin, Acrylic resin
Dimensions	110 mm × 80 mm × 66 mm (without cable)
Weight	225 g

* Interface Unit is required for communication.



※ All specifications on this brochure are subject to change without notice.



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