

8855/8856 compact Infrared Thermometers provide fast, easy and accurate readings for most surface temperature measurements with Wireless USB Interface (RF 433MHz)

- 30 : 1 distance to spot size
- IR thermometer with type K temperature measurement

- Dual laser pointers(8856)
- Wireless USB Interface(RF 433MHz)
- 20 Points Memory

- Wireless USB Interface (RF 433MHz)
- High 30:1 distance to target ratio measures smaller surface areas at greater distances
- Widest temperature range from -50.0 to 1050°C (-58.0 to 1922°F)
- 150ms faster sampling time (8856)
- Built-in dual laser pointers focus target for high accuracy measurement (8856)
- Built-in single laser pointers focus target for high accuracy measurement (8855)
- Analog output (8855)
- Automatic capture emissivity for targeting
- Unique flat surface, modern housing design
- Type K temperature measurement

Applications

- Plant/General Maintenance
- HVAC/R
- Transportation/Automotive
- Cooling and Reheating
- Serving areas
- Food service Equipment
- Cold storage



EMC
EN: 61326
EN: 60825-1

Model 8856



Accessories:
9V battery, Carrying case and Gift box, type K temperature probe, RF transmitter, power supply, tripod, PC Interface, CD Software.

ติดต่อบริษัท นีโอนิคส์ จำกัด

Tel: 098-479-5684 หรือ 061-8268939

E-mail: sale@neonics.co.th หรือ sale@tools.in.th



Features

	8855/8856
User selectable °C or °F	*
Laser targeting	*
Automatic Data Hold	*
Auto Power Off	*
White Backlit LCD Display	*
Fast response time 0.15 sec.	8856
Trigger lock	*
Max, Min, DIF, AVG record	*
High and low alarm	*
Adjustable emissivity	*
Type K temperature measurement	*
High Temperature	1050°C/1922°F
Wireless USB Interface(RF 433MHz)	*
Optical Resolution (Distance to Spot size)	30:1

Specifications

	8855/8856
IR Temp. Range	-50°C to 1050°C/ -58°F to 1922°F
IR Temp. Resolution	0.1° up to 2000°, 1° over 2000°
Optical Resolution	30:1 Distance to Spot size
Type K Temp. Range	-50°C to 1370°C/ -58°F to 2498°F
Type K Temp. Resolution	0.1° up to 2000°, 1° over 2000°
Response Time	Less than 150ms (8856)
Response Time	Less than 1 second (8855)
Basic Accuracy	±1.5% of reading
Emissivity	Adjustable 0.10~1.0

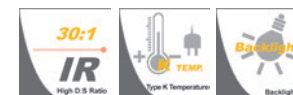
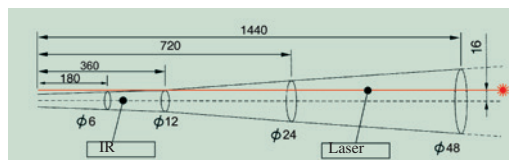
Size(HxWxD): 180mm x 106mm x 48mm

Weight: 250g

Distance (D) to Spot size(S)

D:S=30:1

(Unit: mm)



- IR Thermometer with Type K Input and 20 Points Memory
- Automatic capture emissivity for targeting

30 : 1 distance to spot size

8830/8831/8832/8833/8833H/8835/8835TS compact Infrared Thermometers provide fast, easy, and accurate readings for most surface temperature measurements with Type K Input and 20 Points Memory.

Features

	8830	8831	8832	8833	8833H	8835/8835TS
User selectable °C or °F	*	*	*	*	*	*
Laser targeting	*	*	*	*	*	*
Automatic Data Hold	*	*	*	*	*	*
Auto Power Off	*	*	*	*	*	*
White Backlit LCD Display	*	*	*	*	*	*
Overrange indication	*	*	*	*	*	*
Trigger lock	*	*	*	*	*	*
Max, Min, DIF, AVG record	*	*	*	*	*	*
High and low alarm	*	*	*	*	*	*
Adjustable emissivity	*	*	*	*	*	*
Type K temperature measurements	*	*	*	*	*	*
Max. Temperature	380°C/716°F	480°C/896°F	580°C/1076°F	800°C/1472°F	850°C/1562°F	1050°C/1922°F
Optical Resolution	13:1				30:1	
Green, Red & Blue backlight: Normal, Higher & Lower temperature indications (8835TS)						
T-Sound: Changeable beeper indication by Temperature (8835TS)						

Specifications

	8830	8831	8832	8833	8833H	8835/8835TS
IR Temp. Range	-32°C to 380°C	-32°C to 480°C	-32°C to 580°C	-50°C to 800°C	-50°C to 850°C	-50°C to 1050°C
	-25.6°F to 716°F	-25.6°F to 896°F	-25.6°F to 1076°F	-58°F to 1472°F	-58°F to 1562°F	-58°F to 1922°F
Optical Resolution	13:1				30:1	
IR Temp. Resolution	0.1°C/°F					
Type K Temp. Range	-50°C to 1370°C/-58°F to 2498°F					
Type K Temp. Resolution	0.1° up to 2000°, 1° over 2000°					
Response Time	Less than 1 second					
Basic Accuracy	±1.5% of reading					
Emissivity	Adjustable 0.10~1.0					

Size(HxWxD): 180mm x 106mm x 48mm

Weight: 250g

Accessories:

9V battery, Carrying case, clamshell and type K temperature probe



EMC
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Temperature probe

(Optional: NR-31B / TP-500 / TCP-100)



Thermistor clamp

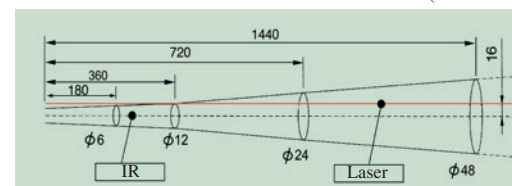


TCP-100

Distance (D) to Spot size(S)

D:S=30:1

(Unit: mm)



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Worldwide Patent:
PCT/CN2012/082197



Model 8830



Model 8831



Model 8832

Applications

- Plant/General Maintenance
- HVAC/R
- Transportation/Automotive
- Cooling and Reheating
- Serving areas
- Food service Equipment
- Cold storage

