



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Data Sheet

### Model 636

#### Non-Contact Infrared Thermometer with Laser Pointer

The 636 is a portable easy to use 3 1/2 digit, compact sized infrared digital thermometer with laser pointer, designed for simple one hand operation. The meter comes with a Back lit LCD display. Auto hold function and auto power down (10 seconds approx.) after releasing the Trigger to extend battery life.

- **Bright back lit LCD**
- **Laser pointer**
- **Reading hold**
- **Adjustable emissivity**
- **Wide temperature range of -22 to 1022 degrees Fahrenheit**



### Specifications

	model
	636
Measurement Range	-22°F to 1022°F / -30°C to 550°C
Resolution	1°F 0.5/1°C
Accuracy	±(4°F/2°C) for -22°F to 212°F, -30°C to 100°C ±(2% of reading) for 213°F to 1022°F, 101°C to 550°C <sup>1</sup>
Response Time	0.25 second (approx.)
Spectral Response	6 to 14μm nominal
Emissivity	0.1 to 1.0
Field of View	100Ømm at 1000Ømm
Detection Element	Thermopile
Operating Temp. & R.H.	32°F to 122°F (0°C to 50°C) at <70% R.H.
Storage Temp. & R.H.	-4°F to 140°F (-20°C to 60°C) at <80% R.H. (with battery removed)
Power Supply	Standard 9V battery (NEDA 1604, IEC 6F22 006P)
Battery Life	9 Hours (continuous) typical
Dimensions (HxWxD)	5.8 x 4.1 x 1.65" (148 x 105 x 42mm)
Weight	157g including battery (approx.)

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Specifications subject to change without notice