

# GF900

## Meter IR Reading Device

*GF900 meter IR reading device is independent developed by GFUVE. It is a new simple far infrared data acquisition terminal, embedded design, low power consumption, English operating system, high speed and long distance of meter reading, It provides a simple and reliable meter reading solution for power system.*



## Features

1. Shock: circuit board components glue reinforcement; Liquid crystal soft rubber pad around Cun protection
2. Prevent slippery: sideways tooth type to the rear of the silica gel handle and the noose form double prevent slippery protection
3. Resistance to cast: the use of advanced nano lens, add the stem of the thick crust, slippery lock button battery cover, machine 1.5 m fall without damage
4. Anti-interference: special circuit processing can effectively resist battery interference, to ensure that the data security
5. Waterproof: high precision mould making, fully enclosed shell design, effectively prevent the rain water invasion, ensure the safety of the outdoor rain weather use
6. Advanced power source design: machine use rechargeable batteries, also can use alkaline batteries, battery capacity than ordinary meter reading machine high three times

## Parameters

Basic parameters	
CPU	ARM 32 bit CPU
Data memory	Flash 64M, the system takes up 3M, user actually usable 60M. SRAM 0.5M
ROM	2M
RAM	512K
Deals	Meet GB2312-80 level 2 deals
Screen	160 x 160dpi LCD, 3.2-inch, a screen can show 200 characters.
Communication interface	A standard RS232 interface (communication 1200 BPS rate-115200 BPS) A USB interface An infrared interface
Communication option	GPRS, 2.4GHz, 433MHz, 489MHz, 925MHz, 915MHz, 13.56MHz
Keyboard	20 key, transparent resin coating.
Add function	The clock, low voltage alarm.

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**Basic parameters - continued**

Infrared	High-speed infrared communication
Meter reading angle	60 degrees
Infrared communication distance	3-7m (and infrared transmission power meter relevant); farthest 12 meters
Communication agreement	DL/T645-1997 "multi-function watt-hour meter communication rules" and added statute, DL/T645-2007 "multi-function watt-hour meter communication rules", IEC62056 protocol
Working voltage	3.6V DC (2300mA Lithium battery)
Working current	<16mA
Sealed environment	IP54

**Mechanical parameters**

Dimensions (WxDxH) (mm)	160x60x28
Weight (g)	118 (no battery), 220 (include battery)

**Environmental conditions**

Working temperature	-5°C to 50°C
Storage temperature	-20°C to 70°C

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