

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.

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