

# PM-2134-100 单相四回路智能电表

产品名称	PM-2134-100 单相四回路智能电表
公司名称	上海洲大测控技术有限公司
价格	1993.00/台
规格参数	类型:单相电能仪表 品牌:泓格ICP-DAS 型号:PM-2134-100CR
公司地址	上海市闵行区光华路598号2幢A2073室
联系电话	86-021-60438808 18516008375 18621657802

## 产品详情

### 公司实力

我公司(上海洲大测控技术有限公司)是泓格科技授权的金牌代理商,同时也是泓格科技(测试测量与自动化控制方向)系统集成的合作伙伴。常年备货泓格科技品牌大部分产品现货,可以快速满足客户的需求。同时,我们只卖原装正品,绝无二手及翻新产品,假一罚十!!!

### 泓格科技

泓格科技成立于1993年,以pc based i/o卡为最初的研发产品线,1998年我们认为嵌入式控制器极具未来性,所以整个研发重心移到了各种嵌入式控制器,远程i/o模块等产品线。经过多年的努力经营,目前在中国市场,我们已经站稳pac产品领跑者的地位。

目前总公司位于台湾新竹工业区,台湾的据点有台北新店办事处,板桥办事处,台中办事处,高雄办事处,在中国大陆以上海为总部,并在北京,哈尔滨,武汉,成都,深圳,南京等设办事处,研发工程师总数已达100人,总员工数约为250人

### 产品概述

pm-2134-100 cr	单相四回路智能电表(0~60a),支持modbus/rtu
pm-2133-100 cr	3相紧凑型智能电力表(0~60a),支持modbus/rtu
pm-2133-160 cr	3相紧凑型智能电力表(0~100a),支持modbus/rtu
pm-2133-240 cr	3相紧凑型智能电力表(0~200a),支持modbus/rtu

pm-2134-100-can cr	单相四回路智能电表 (0~60a) , 支持can总线和modbus/rtu	
pm-2133-100-can cr	3相紧凑型智能电力表 (0~60a) , 支持can总线和modbus/rtu	
pm-2133-160-can cr	3相紧凑型智能电力表 (0~100a) , 支持can总线和modbus/rtu	
pm-2133-240-can cr	3相紧凑型智能电力表 (0~200a) , 支持can总线和modbus/rtu	
pm-2133-100-cps cr	3相紧凑型智能电表 (0~60a) , 支持can总线和modbus/rtu ,	10mm , 3个ct接口
pm-2133-160-cps cr	3相紧凑型智能电表 (0~100a) , 支持can总线和modbus/rtu ,	16mm , 3个ct接口
pm-2133-240-cps cr	3相紧凑型智能电表 (0~200a) , 支持can总线和modbus/rtu ,	24mm , 3个ct接口
pm-2134-100-cps cr	单相四回路智能电表 (0~60a) , 支持can总线和modbus/rtu ,	10mm , 4个ct接口

- 拥有 modbus rtu 通讯协议
- 4 kv 静电保护
- 操作温度 -10 ° c ~ +70 ° c
- 支持nmt从端
- 支持nmt节点守卫信息和心跳信息
- 支持1个sdo主端
- 支持20组txpdo
- 支持pdo模式:时间事件, 远端要求, 循环和非循环同步
- 精度良好, wh精度可达1%(pf=1)
- 测量范围广ct 10(60)a, 配置不同的比流器可弹性扩大测量范围ct 16mm(100a)、ct 24mm(200a)
- 具备wh pulse led灯号显示

it's always difficult but crucial to the supervisors to figure out how much energy is consuming. icp das brings the most powerful the markets. with its high accuracy (1%, pf=1), the pm-2134 product can be applied both on low voltage primary side and/o in real time the reliable and accurate energy consumption readings from the monitored equipments while in operation. the revolutionary wired clip-on ct (various types support input current up to 60a) and standard modbus communication rs-48 10v ~ 300v, supporting a wide range of applications. icp das offers pm-2134 in a full range of single-phase compact power combined with easy-to-integrate communications.

the pm-2134-can power meter provides the can bus interface for users to easily gather the real-time power consumption information in response mode which responses messages at regular intervals automatically. it makes the communication more efficient when the precise information of every step required by the monitors. in addition, the pm-2134-can also owns the arbitration mechanism.

#### can bus features

nxp tja1042 can transceiver follow cia can 2.0b specification support auto-response mode and polling mode support baud rate up to 125kbps. can network 2500 vrms isolation on can port. 4 kv esd protection on can port. can bus provides better capability in noise suppression, error detection and error correction on can bus.

#### pac based solution

the pac family of icp das is a modular network-based pac with the capability of connecting i/o either through its own dual bus modules. applying the pm-2134-can into the pac based system, the user could use the can converter or can module. nowadays the power meter firmware inside. the power meter firmware manages all the pm-2134-can power meters and collects all power data and reports to the utility which is shown as the following picture.

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pc based solution

icp das has been developing various can products for several years, including pci interface, converter, upac and slot module for customers. applying the pm-2134-can into the pc based system, the user could use general can converter or pci can boards. the pm-2134-can would be the better choice. the power meter firmware manages all the pm-2134-can power meters and collects all power data automatically, which is shown as the following picture.

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the pm-2134-cps power meter provides the canopen interface for users to easily gather the real-time power consumption information as canopen slave device. it provides sdo and pdo objects to response the data measured by the power meter. users also can use the pm-2134-cps also owns the arbitration mechanism which can avoid data collision and error detection.

canopen features

nxp tja1042 can transceiver follow canopen ds-301 specification nmt: slave nmt error control: node guarding and heartbeat control mode: event timer, remotely requested, cyclic and acyclic sync support baud rate 10 kbps, 20kbp, 50 kbps, 125 kbps, 250 kbps canopen network 2500 vrms isolation on can port. 4 kv esd protection on can port.

model	pm-2134
input voltage	
input current	
aux power	dc +10 -
frequency	60/50
starting i	<0.0
wiring diagram	1-phase 4
power parameters measures	v1, v1, v2, v2 i 1, i 2, i 3, i 4 kw1, kw2, kw3, kw4 kva1, kva2, kva3, kva4 kvah1, kvah2, kvah3, kvah4 kv
communication	protocol : modbus-rtu rs485, half duplex isolated baud rate : 9600, 19200, 38400, 76800 k , 500 k , 1000 k protocol : canopen baud rate : 10 k , 20 k , 40 k
kwh accuracy	1%(p)
dimension	78(l) × 35(w) × 25(h) mm
operating temperature	-10 ° c - 55 ° c
installation	rail-mount

pm-2134: 4 loops 1 phase compact smart meter

\*ct number: 4ct's

100: ct 10 mm (0 ~ 60 a)

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传真：021-6043 0309，邮箱：shanghaizhouda@163.com

## 联系方式

技术支持：021-6043 8808转801

售后服务：021-6043 8808转808、021-6998 8637

发货查询：021-6043 8808转806

在线qq：2293125802，2022650764，964631815

微博：606434546（@洲大商城） 微信服务号：洲大商城

官网：www.zhoudacity.com e-mail:shanghaizhouda@163.com

本产品的类型是单相电能仪表，品牌为泓格ICP-DAS，型号是PM-2134-100CR，基本电流为60（A），准确度等级是0.01，参比电压为300（V），频率是50/60（Hz），最大电流为200（A）