

Каталог продукции Mac Sensor



По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
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Вологда (8172)26-41-59
Воронеж (473)204-51-73
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Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46

Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
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Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12

Киргизия (996)312-96-26-47

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Пенза (8412)22-31-16
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Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56

Казахстан (7172)727-132

Смоленск (4812)29-41-54
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Ставрополь (8652)20-65-13
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Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

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MACSENSOR PROFILE

30+

30+ Years Of Experience

10W+

100,000+ Users

1

1 Stop Solution Provider

102

102 Countries



CUSTOMERS' APPLICATIONS

- Weather Station
- Water Quality Monitoring
- Greenhouse Monitoring
- Water Treatment
- Drinking Water Pressure Monitoring
- Underground Water Monitoring



METEOROLOGY



Note: Solar panel & mounting support for weather stations are available.



Full Stainless Steel Rain Gauge (R66S)

Measuring Range: 0.2mm/0.5mm
Resolution: 0.2mm standard, 0.5mm optional
Accuracy: $\leq 2\%$
Output: RS485, pulse
Power supply: 10~30V DC



ABS Tipping Bucket Rain Gauge (R6M)

Rainfall Density Range: 0mm~4mm/min
Resolution: 0.5mm
Accuracy: $\leq \pm 2\%$
Output: RS485
Power supply: 10~30V DC



Wind speed sensor (W70S)

Measuring Range: 0~60m/s
Resolution: 0.1m/s
Accuracy: ± 0.3 m/s
Output: 4~20mA, 0~5V, 0~10V
Power supply: 10~30V DC



Wind direction sensor (W70D)

Measuring Range: 8 directions
Response time: ≤ 0.5 s
Output: 4~20mA, 0~5V, 0~10V
Power supply: 10~30V DC



Solar radiation sensor (MCSR12)

Measuring Range: 0~1800W/m²
Resolution: 1W/m²
Output: 4~20mA, 0~5V, 0~10V, RS485
Power supply: 10~30V DC



Rain and Snow Sensor (RS)

Normal Working Power: 0.4W
Working Power under heating: 2.4W
Output: 4~20mA, 0~5V, 0~10V, RS485
Power supply: 10~30V DC



Meteorological white box

Measuring Range
Humidity: 0%RH~99%RH
Temperature: -40°C~+120°C
Light intensity: 0~200,000 Lux
Atmospheric pressure: 0~120Kpa
Noise: 30dB~120dB
PM10 PM2.5: 0~1000ug/m³



AGRICULTURE



Soil Moisture & EC Sensor (MTD50)

Measuring Range: EC 0-10000 μ s/cm; Moisture 0-100%;
IP rating: IP68
Output: 4~20mA, 0~5V, 0~10V, RS485
Power supply: 12~30V DC

Soil Moisture, Temperature & EC sensor (MTD60)

Measuring Range: EC 0-20000 μ s/cm; Moisture 0-100%;
Temperature, -40~80°C
IP rating: IP68
Output: 4~20mA, 0~5V, 0~10V, RS485
Power supply: 3.6~30V DC



Temperature and humidity Sensor (MTH40)

Probe working temp./humidity: -40°C ~ +120°C/0%RH-100%RH
Accuracy: $\pm 0.5^\circ\text{C}$ / $\pm 3\%$ RH (5%RH~95%RH, 25°C)
Output: 4~20mA, 0~5V, 0~10V
Power supply: 10~30V DC



Ammonia sensor (MAS20)

Measuring Range: 90~110Kpa
Stability: $\leq 2\%$ signal value/month
Accuracy: up to $\pm 2\%$ F.S
Output: 4~20mA, 0~5V, 0~10V, RS485
Power supply: 10~30V DC



Light intensity Sensor (MGZ10)

Measuring Range: 0~200000 Lux
Long-term stability: $\leq 5\%$ /y
Accuracy: $\pm 7\%$
Output: 4~20mA, 0~5V, 0~10V
Power supply: 10~30V DC



CO2 sensor (MCO2)

Measuring Range: 0-5000ppm
Accuracy: $\pm (40\text{ppm} + 3\% \text{ F.S})$ (25°C)
Output: 4~20mA, 0~5V, 0~10V
Power supply: 10~30V DC



Atmospheric pressure Sensor (MAP80)

Measuring Range: 1-120Kpa
Accuracy: $\pm 0.15\text{Kpa} / \pm 0.5^\circ\text{C}$
Output: 4~20mA, 0~5V, 0~10V
Power supply: 10~30V DC

WATER TREATMENT



Industrial pressure transmitter P20

Pressure Range: -1 Bar-1 Bar; 0-0.1Bar.....1000 Bar/0-2 Psi...15000 Psi
Output: 4~20mA, 4~20mA+HART, 0~5V, 1~5V, 0-10V, RS485
Accuracy: $\leq \pm 0.5\%F.S$; $\leq \pm 0.25\%F.S$
Long Stability: 0.1%F.S $\pm$ 0.05%



Pressure level transmitter L703

Measuring range: 0-1....100m mH2O
Accuracy: $\leq \pm 0.5\%F.S$, $\leq \pm 0.25\%F.S$
Output: 4~20mA/1~5V/0~5V/0~10V/0.5~4.5V/SDI-12/RS485 Modbus RTU
Power Supply: 12~36VDC/10~36Vdc/15~36Vdc/5Vdc/10~30 Vdc
Long Stability: 0.2%F.S $\pm$ 0.05%



Integrated ultrasonic level meter UL20

Measuring range: 5m, 10m, 15m, 20m, 30m, 40m, 50m, 60m
Accuracy: 0.25%-0.5%
Analog Output: 4~20mA/510 Ω load; 4~20mA/250 Ω load
Relay Output: Two groups: AC 250V/ 8A or DC 30V/ 5A
Power supply: 24VDC(Standard)/220V AC+15% 50Hz(Optional)



Electromagnetic Flow Meter LD

Nominal diameter: DN10-2000mm
Accuracy: 0.5%
Maximum flow speed: 15m/s
Output: 4~20mA, 0~10mA, Pulse+4-20mA, RS485/RS232
Power supply: AC220V 50HZ/DC24V/DC12V/3.3V battery



Radar level sensor MQ92

Measuring range: 0 to 30 m
Accuracy: $\pm 3\text{mm}$
Signal Output: 4...20mA/HART (2 wires/4 wires) /RS485/Modbus
Power Supply: Supply: DC 6 to 24V or 220VAC
Frequency: 26GHz



Ultrasonic clamp on flow meter UF105

Pipe size: DN32-1000
Measure accuracy: $\pm 1\%$
Output optional: 4~20mA; OCT; RS232/RS485; Pulse
Power supply: DC8~36V or AC85~264V
Power Consumption: 1.5W



Water Level Meter LM

Measurement depth(m): 0~30, 0~50, 0~100, 0~150, 0~500
Power supply(V): 9V battery
Response time: $\leq 1\text{ms}$
Minimum indication(mm): 1 mm
Reels color :black, blue, yellow, red

WATER TREATMENT (Water Quality)



Residual chlorine analyzer C20

Measurement Range: 0-0.5/2/5/10/50ppm or customize
Accuracy: $\pm 1\%$ of measuring range
Response Time: 1-60s
Output: 4-20mA
Input: 12-24V



Dissolved oxygen meter D30

Measuring range: 0 ~ 20.00 mg/L
Resolution: 0.1mg/L, 0.1°C
Accuracy: $\pm 3\%$ of the value
Input: DC 24V
IP Rating: IP68



Turbidity detector T40

Measuring range: Clear water, 0-4000NTU;
Sewage turbidity, 0-1000NTU; SS sensor, 0-20000mg/L
Pressure Range: <10Bar
IP Rating: IP68
Input: DC24V



Nitrite Sensor N50

Measurement Range: 0-20ppm, 0-100ppm, 0-300ppm
Accuracy: $\pm 0.1\%$ of measuring range
Response Time: 1-60s
Output: 0-20mA
Input: 24V



PH Meter PH101

Measuring range: 0.00~14.00PH
Withstand pressure: 0.5bar
Analog Output: 4 ~ 20mA
Temp. Range: 0 ~ +80°C
Compensation Temp.: -10~+1100°C



ORP Meter ORP103

Measuring range: ± 2000 mV
Withstand pressure: 0.6Mpa
Analog Output: 4-20mA
Temp. Range: 0 ~ +80°C
Compensation Temp.: -10~+1100°C



Multi--parameter Water Quality Monitor DC-9BL

Measuring range
PH: 0 ~ 14
ORP: ± 1000 mV
Dissolved oxygen: 0 ~ 20 mg/L
Conductivity: 0 ~ 30000 μ S/cm
Residual chlorine: 0 ~ 2 ~ 20 mg/L
Turbidity: 0 ~ 20 ~ 400 NTU
Temperature: 0 ~ 60°C
Flow: per the demand

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