



**U15DJKYC50U8R-9C-120M Borescope HD Sewer Pipe Inspection Camera Range 120 Meter Cable 360 degrees 10" inch**

**1. Product Introduction**

This pressure sensor uses a high-precision ceramic or silicon sensing chip with stainless steel housing. It features high stability, strong anti-interference, and good shock resistance. It is widely used for measuring gas pressure, water pressure, and oil pressure, and is suitable for industrial automation, hydraulic and pneumatic systems, air compressors, water pumps, pipeline pressure monitoring, and other industrial equipment. It provides standard signal output and is compatible with most controllers and instruments.



# Product Accessories



512Hz  
Locator

10inch Screen

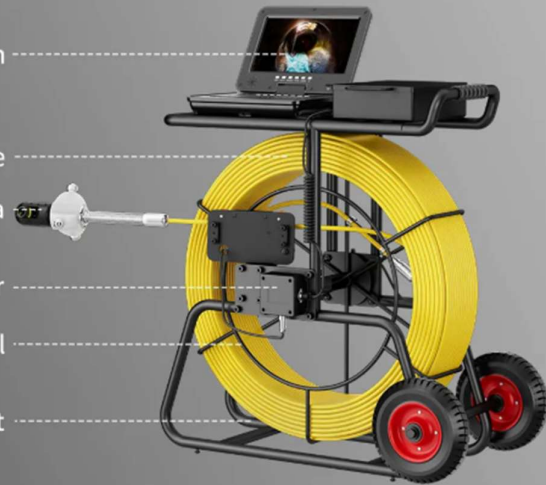
9MM Cable

Rotatable Camera

Mete Counter

Cable Reel

Metal Bracket



Charger



Screwdriver



16GB TF Card



Protective

## 2. Technical Parameters

Measuring Medium: Air, water, oil, neutral non-corrosive gas or liquid

Pressure Range: 0 – 10kPa / 100kPa / 1MPa / 1.6MPa / 2.5MPa / 10MPa / 60MPa (optional)

Supply Voltage: DC 5V / 12V / 24V (optional)

Output Signal: 4 – 20mA / 0 – 5V / 0 – 10V / RS485 (optional)

Accuracy:  $\pm 0.5\%$  FS

Long-term Stability:  $\leq \pm 0.1\%$  FS/year

Overload Pressure: 2 × rated pressure

Burst Pressure: 3 × rated pressure

Operating Temperature:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Storage Temperature:  $-40^{\circ}\text{C} \sim +150^{\circ}\text{C}$

Housing Material: Stainless Steel 304

Protection Level: IP65

Mounting Thread: G1/4, NPT1/4 (default)

Service Life:  $\geq 100000$  hours

### 3. Product Features

1. High-precision sensing chip, stable measurement, low temperature drift.
2. All stainless steel structure, shockproof, corrosion-resistant, long service life.
3. Wide voltage input, standard industrial signal output.
4. Compatible with PLC, digital meters, inverters, and control systems.
5. Compact size, easy to install and reliable sealing.
6. IP65 protection, suitable for indoor and outdoor industrial environments.



## 4. Applications

- Industrial automation equipment pressure monitoring
- Hydraulic and pneumatic systems
- Air compressors, water pumps, pressure pipelines
- Air conditioning, refrigeration, HVAC systems
- Liquid level measurement and control
- Intelligent instruments and environmental equipment
- Automotive test and modification equipment



## 5. Installation Instructions

1. Install the sensor in a stable position without strong vibration or impact.
2. Use standard threaded installation; tighten evenly. Do not knock the sensor.
3. Ensure the measured medium is non-corrosive and compatible with the sensor.
4. Do not apply long-term over-range pressure to avoid permanent damage.

## 6. Wiring (3- wire system)

- VCC: Positive power supply (5V / 12V / 24V DC)
- GND: Negative power supply / Ground
- OUT: Signal output

## 7. Safety Notes

1. This product is NOT explosion-proof. Do not use in flammable or explosive environments.
2. Disconnect power before wiring. Reverse wiring may damage the module.
3. Keep away from strong electromagnetic interference sources.
4. Do not disassemble or modify the product by yourself; this will void the warranty.
5. Please follow industrial safety standards during installation and use.

## 8. Package List

- 1 × Pressure Sensor
- 1 × User Manual
- 1 × Seal Gasket

## 9. After-Sales Service

- Warranty: 12 months
- Free after-sales service for non-human quality defects
- Professional technical support for wiring and application



# Build-in 512Hz-sonde

