

ABSTRACT

MONITORING DEVICE OF WATER METER

Disclosed is a monitoring device of water meter, comprising a body, a sensor, a camera module, a communication module and a microcontroller unit. The sensor, the camera module, the communication module and the microcontroller unit are disposed in the body. The sensor is used to obtain pointer rotation times information. The camera module is used to obtain reading image information. The microcontroller unit transmits the received pointer rotation times information and the reading image information to a communication module of another monitoring device of water meter and/or a server via the communication module. The monitoring device of water meter of the present invention has functions of pointer rotational detection and number display wheel image capturing, degree of water consumption is further calculated by means of the above two functions which are complementary to each other.

Figure 2