

YDL-NTH Ethernet IP

Temperature and Humidity Transmitter

SNMP Protocol

一、 Overview

The YDL-NTH Ethernet IP temperature and humidity transmitter communicates with the network management software using SNMP V1.0.

二、 OID node resolution

(The device's snmp community name is empty or “public” by default.)

SNMP private group: The snmp private group contains the following object sets (.1.3.6.1.4.1.26381):

1、 Object name: snmpCur Temperature

OID: snmp.1 (1.3.6.1.4.1.26381.1.0)

Object type: Counter

Access mode: Read-Only

Description: The value passed is the current temperature value of the device multiplied by ten.

2、 Object name: snmpCur Humidity

OID: snmp.2 (1.3.6.1.4.1.26381.2.0)

Object type: Counter

Access mode: Read-Only

Description: The value passed is the current humidity value of the device multiplied by ten.

3、 Object name: snmpCur Input

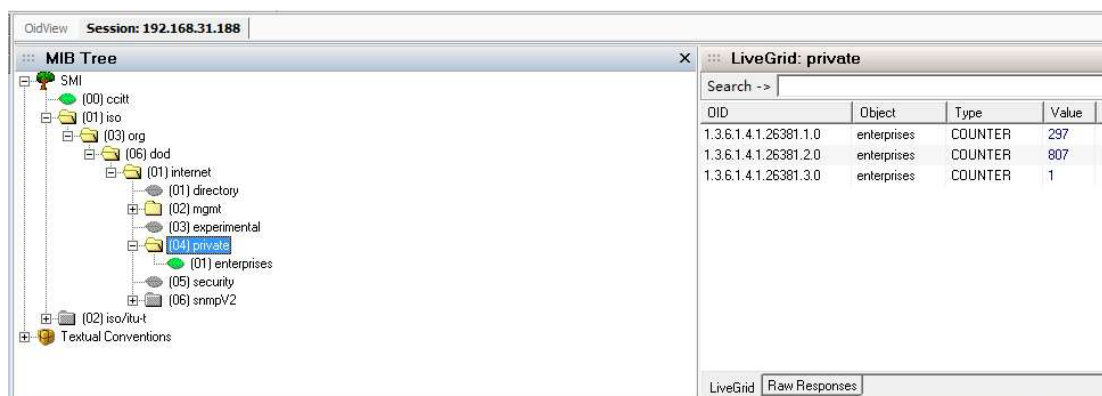
OID: snmp.3 (1.3.6.1.4.1.26381.3.0)

Object type: Counter

Access mode: Read-Only

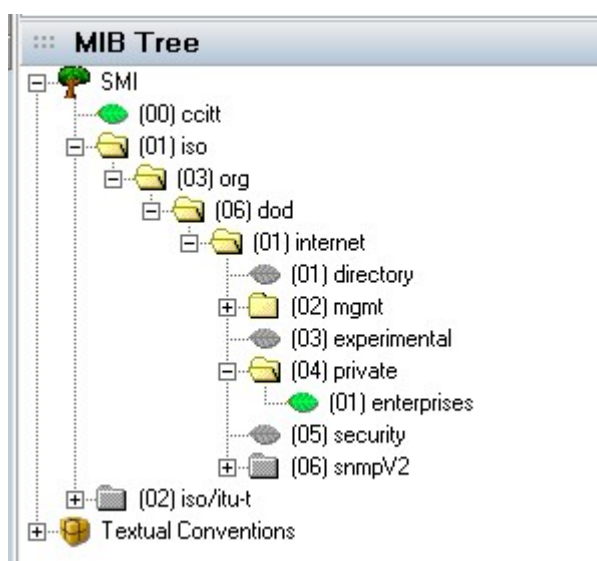
Description: The value passed is the current switch input value of the device.

Sample screenshots are as follows:



The magnification of some screenshots is as follows:

(1) The tree structure information of the left half of the above figure:



The node is in the “**{01}enterprises**” of “{04}private”.

(2) The node value information in the right half of the above figure:

LiveGrid				
Search ->				
OID	Object	Type	Value	
1.3.6.1.4.1.26381.1.0	enterprises	COUNTER	297	
1.3.6.1.4.1.26381.2.0	enterprises	COUNTER	807	
1.3.6.1.4.1.26381.3.0	enterprises	COUNTER	1	

Then, as shown in the figure, the read temperature value is 29.7 ° C, the humidity value is 80.7%, and the switch input value is 1, indicating that the switch quantity is closed.