

DGS-3324SR Power Table MIB OID Description

The following are DGS-3324SR's OID Value and Description:

The screenshot shows a MIB browser window titled 'EQUIPMENT-MIB'. On the left is a 'MIB Tree' showing a hierarchy: iso > swEquipmentMIB > swEquipment > swPowerTable > swPowerEntry. On the right, properties for 'swPowerTable' are listed:

- Object name: swPowerTable
- Object ID: 1.3.6.1.4.1.171.12.11.1.6
- Module: EQUIPMENT-MIB
- Base syntax: Sequence Of swPowerEntry
- Access: Not_Accessible
- Status: Current
- Sequence: 1:swPowerUnitIndex - Integer, 2:swPowerID - Integer, 3:swPowerStatus - Integer
- Parent node: swEquipment
- First child: swPowerEntry
- Description: A list of temperature.

MIB: EQUIPMENT-MIB

- 1:swPowerUnitIndex - Integer
- 2:swPowerID - Integer
- 3:swPowerStatus - Integer

The power has 2 statuses- **Internal Power (Main)** and **External power (Redundant)**, you can check on it when you “#show device_status”:

```
DGS-3324SR:4#show device_status
Command: show device_status
```

ID	Internal Power	External power	Side Fan	Back Fan
1	Active	Fail	OK	OK

1. Power Unit Index:

::: Command:

```
# snmpwalk -c private -v2c 192.168.0.1 1.3.6.1.4.1.171.12.11.1.6.1.1
```

```
C:\>snmpwalk -c private -v2c 192.168.0.1 1.3.6.1.4.1.171.12.11.1.6.1.1
SNMPv2-SMI::enterprises.171.12.11.1.6.1.1.1 = INTEGER: 1
SNMPv2-SMI::enterprises.171.12.11.1.6.1.1.2 = INTEGER: 1
```

::: Description:

Object name	swPowerUnitIndex
Object ID	1.3.6.1.4.1.171.12.11.1.6.1.1
Module	EQUIPMENT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 0..65535
Parent node	swPowerEntry
First child	None
Description	Indicates ID of the unit in the System

2. Power ID:

::: Command:

```
# snmpwalk -c private -v2c 192.168.0.1 1.3.6.1.4.1.171.12.11.1.6.1.2
```

```
C:\>snmpwalk -c private -v2c 192.168.0.1 1.3.6.1.4.1.171.12.11.1.6.1.2
SNMPv2-SMI::enterprises.171.12.11.1.6.1.2.1.1 = INTEGER: 1
SNMPv2-SMI::enterprises.171.12.11.1.6.1.2.1.2 = INTEGER: 2
```

::: Description:

Object name	swPowerID
Object ID	1.3.6.1.4.1.171.12.11.1.6.1.2
Module	EQUIPMENT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 0..65535
Parent node	swPowerEntry
First child	None
Description	Indicates ID of the power 1 : main power 2 : redundant power .

3. Power Status:

::: Command:

```
# snmpwalk -c private -v2c 192.168.0.1 1.3.6.1.4.1.171.12.11.1.6.1.3
```

```
C:\>snmpwalk -c private -v2c 192.168.0.1 1.3.6.1.4.1.171.12.11.1.6.1.3
SNMPv2-SMI::enterprises.171.12.11.1.6.1.3.1.1 = INTEGER: 3
SNMPv2-SMI::enterprises.171.12.11.1.6.1.3.1.2 = INTEGER: 4
```

::: Description:

Object name	swPowerStatus
Object ID	1.3.6.1.4.1.171.12.11.1.6.1.3
Module	EQUIPMENT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : other(0) 2 : lowVoltage(1) 3 : overCurrent(2) 4 : working(3) 5 : fail(4) 6 : connect(5) 7 : disconnect(6)
Parent node	swPowerEntry
First child	None
Description	Indicates status of the power