

Device Status

ds(deviceno, subject)

Return the current status of a device.

Description

```
ds( deviceno, subject )
```

This function returns the current status of a device or the aggregate status of all devices.

Parameters

deviceno	Device number (1 - 40). If 0 (zero), the function returns the aggregate status of ALL devices.
subject	Subject to request (see below)
Subject	Description
DVCSTAT_BATTVOLT	Battery/supply voltage in mV
DVCSTAT_SIGNAL	Signal level, typically 0-100%
DVCSTAT_COMMCOUNT	Comm count, typically count of valid messages
DVCSTAT_COMMERR	Comm error count, typically number of failed communication attempts
DVCSTAT_LASTCOMM	Last comm, EPOCH timestamp of last successful communication
DVCSTAT_COMMSTAT	Device communication status (0-7, where 0=unknown, 1=error, 2,3,4=warning, 5,6,7=ideal)
DVCSTAT_OPSTAT	Device operational status (0-3, where 0=unknown, 1=error, 2=warning, 3=nominal)
DVCSTAT_APPSTAT	Device application status (0-7, where 0=unknown, 1=error, 2,3,4=warning, 5,6,7=nominal)
DVCSTAT_STAT	Aggregated status (0-3, 0=unknown, 1=error, 2=warning, 3=ok)

Return value

Returns the current status value of the subject requested.

Example usage

```
ds(2, DVCSTAT_COMMERR)
```

Returns the communication error count from device 2.

From:
<https://doc.eze.io/> - **ezeio documentation**

Permanent link:
<https://doc.eze.io/ezeio2/expref/ds>

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