

GetDeviceStatus

Fetch the Comm / Op / App status of a given device (or aggregate status)

Description

```
GetDeviceStatus( deviceno, status item )
```

Returns the given status item for.

Parameters

deviceno	Device number to request status from (or 0 for all devices)	
status item	The status item to return (see below)	
Parameter	Description	Aggregate
DVCSTAT_BATTVOLT	The device battery/supply voltage in mV (if supported)	YES
DVCSTAT_SIGNAL	The reported device signal strength	YES
DVCSTAT_COMMCOUNT	Number of successful comm attempts	NO
DVCSTAT_COMMERR	Number of failed comm attempts	NO
DVCSTAT_LASTCOMM	Time of last status update	NO
DVCSTAT_COMMSTAT	Communication status, one of: DS_COM_UNKNOWN DS_COM_ERROR DS_COM_ISSUE DS_COM_OK DS_COM_BEST	YES
DVCSTAT_OPSTAT	Operational status, one of: DS_OP_UNKNOWN DS_OP_ERROR DS_OP_PART DS_OP_FULL	YES
DVCSTAT_APPSTAT	Application status, one of: DS_APP_UNKNOWN DS_APP_ERROR DS_APP_WARNING DS_APP_OK DS_APP_OK1 DS_APP_OK2 DS_APP_OK3 DS_APP_OK4	YES
DVCSTAT_STAT	Aggregated status, one of: (read only) DS_UNKNOWN DS_ERROR DS_WARNING DS_OK	YES

Parameter	Description	Aggregate
DVCSTAT_ACTIVE	Returns 1 if device is loaded/active (read only)	NO
DVCSTAT_REGCOUNT	Number of registers allocated (read only)	NO
DVCSTAT_TYPE	Driver id number	NO
DVCSTAT_VERSION	Driver version	NO
DVCSTAT_MODE	User defined mode	NO
DVCSTAT_PARAM	User defined parameter	NO

DVCSTAT_ACTIVE, _REGCOUNT, _TYPE, _VERSION, _MODE and _PARAM are available in firmware 21061101 and newer

Return value

Depends on parameter requested. See above.

Example usage

```
if( GetDeviceStatus(0, DVCSTAT_STAT) < DS_OK ) { // Get 'worst' status
from all devices
    // DEVICE ERROR DETECTED -- SHUT OFF PROCESS
    SetOutput(1, 0);
}
```

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Permanent link:

<https://doc.eze.io/ezeio2/scriptref/getdevicestatus>

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