

# mb\_add\_dev

WMPRO, WMMINI FW >= 1.0 WMMEGA FW >= 2.0

Add a device to the list of polled devices

## Description

```
int mb_add_dev ( int $id, int $type, string $name, int $poll_interval, int $status,  
int $bus )
```

## Parameters

**\$id**: Device identification number (slave ID)

**\$type**: Device type identification number

**\$name**: Device name

**\$poll\_interval**: Modbus polling interval

**\$status**: Current device status

**\$bus**: Optional bus ID. See table below.

## Return Values

**Integer**: 0=success, otherwise there was an error adding the device

## Bus

The bus number indicates which subsystem handles the modbus processing in Wattmon.

Bus	Description
0	RS-485 Port (Default)
1	Virtual Device
2-11	Modbus TCP Channel 0-9

## See Also

[mb\\_delete\\_dev\(\)](#) - Delete a device from the list of active devices

[mb\\_get\\_dev\\_by\\_id\(\)](#) - Return modbus device details by ID

[mb\\_get\\_dev\\_by\\_index\(\)](#) - Return modbus device details by index

[mb\\_get\\_dev\\_by\\_name\(\)](#) - Return modbus device details by name

[mb\\_get\\_dev\\_info\(\)](#) - Return modbus device details by type

[mb\\_get\\_role\\_array\(\)](#) - Return an **array** of all roles and their values

[mb\\_get\\_status\\_by\\_role\(\)](#) - Return status of the device attached to the role

[mb\\_get\\_val\\_by\\_role\(\)](#) - Return value of the role

[mb\\_num\\_devices\(\)](#) - Return number of devices on the modbus

[mb\\_queue\\_command\(\)](#) - Queue a sequence of characters to the RS-485 bus and get but ignore the reply

[mb\\_scan\\_complete\(\)](#) - Check to see if a modbus scan has completed

[mb\\_scan\\_percent\(\)](#) - Return scan percentage completed

[mb\\_send\\_command\(\)](#) - Send a sequence of characters to the RS-485 bus and get a reply

[mb\\_set\\_dev\\_var\(\)](#) - Set a variable on a modbus device

[mb\\_set\\_val\\_by\\_role\(\)](#) - Set a role value on a modbus device

[mb\\_start\\_scan\(\)](#) - Initiate an automatic scan of the modbus

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