

# VDR100 - Formatting USB drives larger than 32GB

## 1 Introduction

We recommend using this procedure for USB flash drives 32GB or larger. This will prepare the USB drive into the required Ext4 formatting that the VDR100 requires.

\*\* Please be advised that this is a 3<sup>rd</sup> Party utility and we do not offer any support besides the guided instructions listed below.

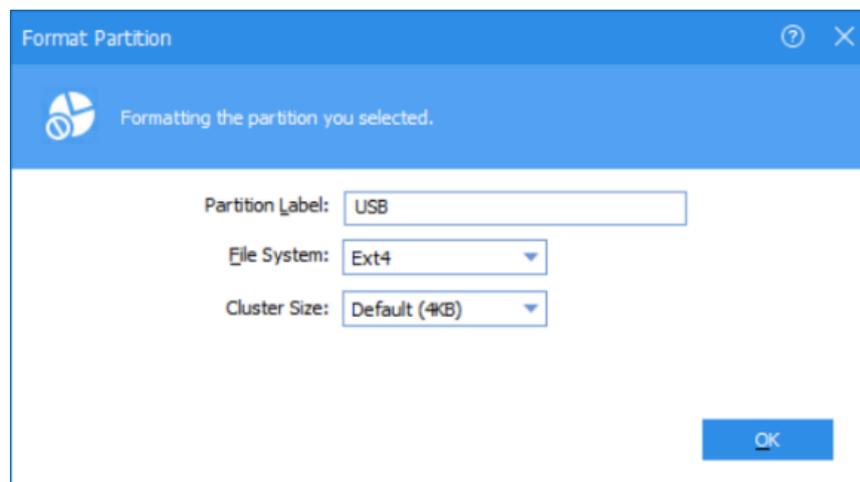
## 2 USB Flash Drive Formatting Instructions

To perform this formatting process, we will require a Windows<sup>®</sup> PC with an active internet connection and the new USB flash drive that is to be used exclusively for the VDR100's recorded data.

\*\* This procedure will format the drive and delete all contents. Please back up any necessary files before proceeding.

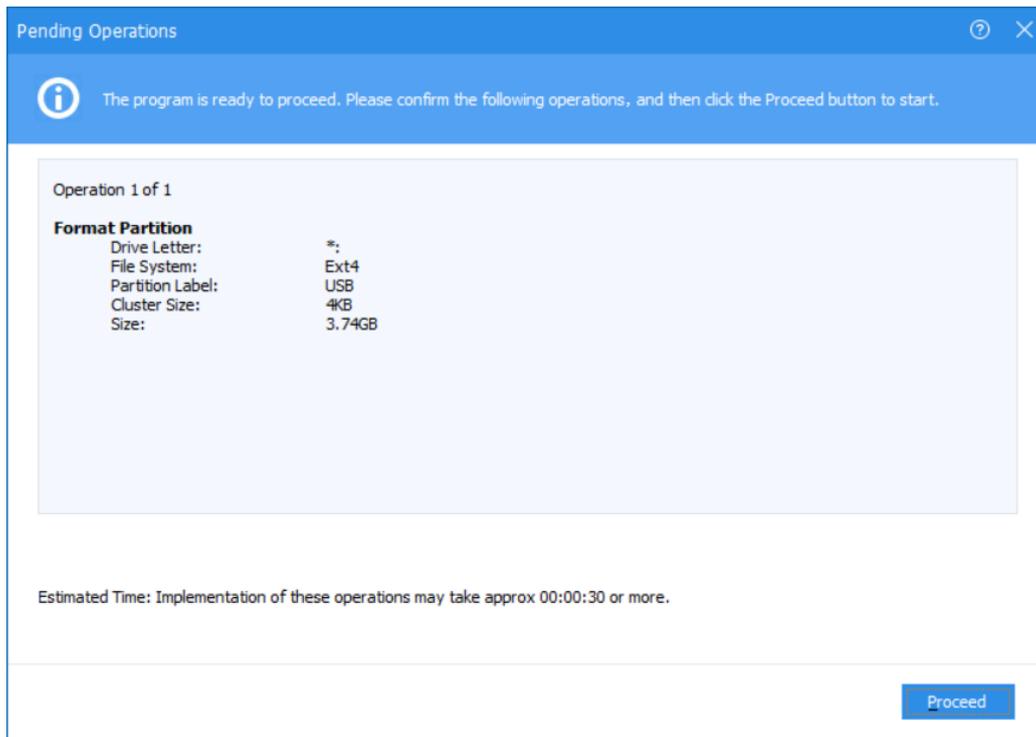
1. Download and install the utility AOMEI Partition Assistant Standard Edition  
[https://www2.aomeisoftware.com/download/pa/PAssist\\_Std.exe](https://www2.aomeisoftware.com/download/pa/PAssist_Std.exe)
2. Insert your VDR100 USB Drive into your PC and locate it on the main window of the AOMEI Partition Assistant utility.
3. Select your USB Drive by first left-clicking once to highlight, then right-click to provide a drop-down menu selection of options. On the drop-down menu list select the feature **Format Partition**.

4. When the Format Partition window appears, locate under the File System option **Ext4**.  
Press OK, in the lower right-hand corner of the window.

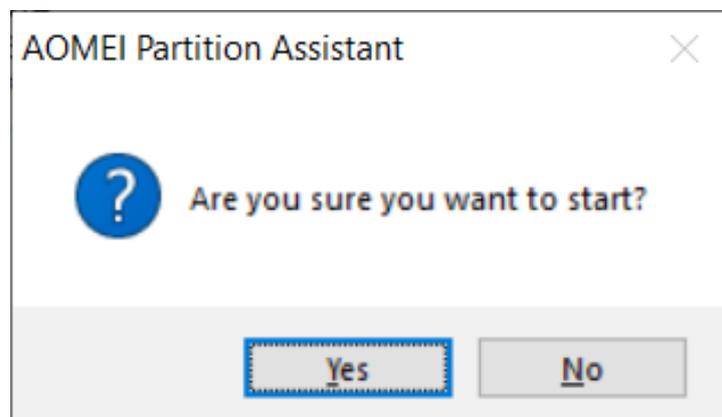


5. You will now be returned to the main overview screen.  
Select **Apply** in the upper left-hand corner.

6. Confirm your settings and select **Proceed**.



7. Select **Yes** to initiate the formatting.



8. The larger the USB drive, the longer the formatting process will take. On the Operation Progress window, it should provide an estimated time for completion.

9. Once the operation is completed, you will receive a confirmation window. Select **OK**.



10. The process window will now close and navigate back to the Disk Overview window. Review the status of the drive you have recently formatted to verify it is now set to Ext4.

11. Re-insert the USB drive back into the VDR100 and review the status on your N2KAnalyzer or Maretron DSM Series display.

VDR100 (0x28) 1760760 - Configuration Dialog

General | Advanced | Installation Description

Label  
(Max. 32 Characters)  
Data Recorder

IP Configuration Settings

DHCP : Yes

IP Address : 10 . 71 . 1 . 116

Subnet Mask : 255 . 255 . 0 . 0

Default Gateway : 10 . 71 . 1 . 15

Default DNS : 0 . 0 . 0 . 0

Password

Status : Initializing

Memory Used : -

Memory Capacity: -

Load Config From File... Save Config To File... Restore Factory Defaults

Get Config From Device Put Config To Device Close

RED text indicates a changed parameter that has not yet been put to the device

VDR100 (0x28) 1760760 - Configuration Dialog

General | Advanced | Installation Description

Label  
(Max. 32 Characters)  
Data Recorder

IP Configuration Settings

DHCP : Yes

IP Address : 10 . 71 . 1 . 116

Subnet Mask : 255 . 255 . 0 . 0

Default Gateway : 10 . 71 . 1 . 15

Default DNS : 0 . 0 . 0 . 0

Password

Status : Recording

Memory Used : 15085780992

Memory Capacity: 15134576640

Load Config From File... Save Config To File... Restore Factory Defaults

Get Config From Device Put Config To Device Close

RED text indicates a changed parameter that has not yet been put to the device



Online URL:

<https://www.maretron.com/wp-content/phpkbv96/article.php?id=734>