

How to decode gs1 databar omnidirectional in VB.NET and ByteScout BarCode Reader SDK

The tutorial shows how to decode gs1 databar omnidirectional in VB.NET

The sample shows steps and algorithm of how to decode gs1 databar omnidirectional and how to make it work in your VB.NET application. Want to decode gs1 databar omnidirectional in your VB.NET app? ByteScout BarCode Reader SDK is designed for it. ByteScout BarCode Reader SDK is the SDK for reading of barcodes from PDF, images and live camera or video. Almost every common type like Code 39, Code 128, GS1, UPC, QR Code, Datamatrix, PDF417 and many others are supported. Supports noisy and defective images and docs. Includes optional documents splitter and merger for pdf and tiff based on found barcodess. Batch mode is supported for superior performance using multiple threads. Decoded values are easily exported to JSON, CSV, XML and to custom format.

The SDK samples like this one below explain how to quickly make your application do decode gs1 databar omnidirectional in VB.NET with the help of ByteScout BarCode Reader SDK. In order to implement the functionality, you should copy and paste this code for VB.NET below into your code editor with your app, compile and run your application. Further enhancement of the code will make it more vigorous.

Trial version of ByteScout BarCode Reader SDK can be downloaded for free from our website. It also includes source code samples for VB.NET and other programming languages.

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Source Code Files:

Module1.vb

```
Imports System.IO
Imports Bytescout.BarCodeReader

Module Module1

    Sub Main()

        Const imageFile As String = "GS1DataBarOmnidirectional.png"

        Console.WriteLine("Reading barcode(s) from image {0}", Path.GetFullPath(imageFile))

        Dim reader As New Reader()
        reader.RegistrationName = "demo"
            reader.RegistrationKey = "demo"

        ' Set barcode type to find
        reader.BarcodeTypesToFind.GS1DataBarOmnidirectional = True

        ' -----
        ' NOTE: We can read barcodes from specific page to increase performance .
        ' For sample please refer to "Decoding barcodes from PDF by pages" program.
        ' -----

        ' Read barcodes
        Dim barcodes As FoundBarcode() = reader.ReadFrom(imageFile)

        For Each barcode As FoundBarcode In barcodes
            Console.WriteLine("Found barcode with type '{0}' and value '{1}'", barcode.Type, barcode.Value)
        Next

        ' Cleanup
        reader.Dispose()

        Console.WriteLine("Press any key to exit..")
        Console.ReadKey()

    End Sub

End Module
```

<https://www.youtube.com/watch?v=EARSPJFIJMU>

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