

How to decode gs1 databar omnidirectional in C# and ByteScout BarCode Reader SDK

This tutorial will show how to decode gs1 databar omnidirectional in C#

Every ByteScout tool contains example C# source codes that you can find here or in the folder with installed ByteScout product. ByteScout BarCode Reader SDK can decode gs1 databar omnidirectional. It can be used from C#. ByteScout BarCode Reader SDK is the barcode decoder with support for code 39, code 128, QR Code, Datamatrix, GS1, PDF417 and all other popular barcodes. Can read barcodes from images, pdf, tiff documents and live web camera. Supports noisy and damaged documents, can split and merge pdf and tiff documents based on barcodes. Can export barcode decoder results to XML, JSON, CSV and into custom data structures.

C# code samples for C# developers help to speed up coding of your application when using ByteScout BarCode Reader SDK. In your C# project or application you may simply copy & paste the code and then run your app! Enjoy writing a code with ready-to-use sample codes in C#.

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Source Code Files:

```
using System;
using System.IO;
using Bytescout.BarCodeReader;

namespace ReadGS1DataBarOmnidirectional
{
    class Program
    {
        const string ImageFile = "GS1DataBarOmnidirectional.png";

        static void Main()
        {
            Console.WriteLine("Reading barcode(s) from image {0}", Path.GetFullPath(ImageFile));

            Reader reader = 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
            FoundBarcode[] barcodes = reader.ReadFrom(ImageFile);

            foreach (FoundBarcode barcode in barcodes)
            {
                Console.WriteLine("Found barcode with type '{0}' and value '{1}'", barcode.Type, barcode.Value);
            }

            // Cleanup
            reader.Dispose();

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

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

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