

## gs1 datamatrix barcode in C# and ByteScout Barcode SDK

### How to code gs1 datamatrix barcode in C#: How-To tutorial

ByteScout tutorials explain the material for programmers who use C#. ByteScout Barcode SDK was made to help with gs1 datamatrix barcode in C#. ByteScout Barcode SDK is the robust SDK that generates high quality barcode images and pdf. Can generate all popular types of barcodes from QR Code, Code 39, Code 128, UPC, GS1, GS-128, PDF417, Datamatrix to more exotic barcode types. Fully customizable fonts, colors, print sizes. Includes special functions to ensure output quality, and tools for adding barcodes to new or existing pdf files and images.

The SDK samples like this one below explain how to quickly make your application do gs1 datamatrix barcode in C# with the help of ByteScout Barcode SDK. Follow the instruction from the scratch to work and copy and paste code for C# into your editor. Enhanced documentation and tutorials are available along with installed ByteScout Barcode SDK if you'd like to dive deeper into the topic and the details of the API.

Trial version can be downloaded from our website. Source code samples for C# and documentation are included.

FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about ByteScout Barcode SDK](#)

[Explore API Documentation](#)

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[visit www.ByteScout.com](http://www.ByteScout.com)

Source Code Files:

```
using System;
using System.Collections.Generic;
using System.Text;
using System.Diagnostics;

using Bytescout.BarCode;

namespace Sample
{
    class Program
    {
        static void Main(string[] args)
        {
            // Create new barcode
            Barcode barcode = new Barcode();

            // Set symbology
            barcode.Symbology = SymbologyType.GS1_DataMatrix;

            // Set GS1 barcode value
            barcode.Value = "(01)03453120000011(17)291030(10)ABC123";

            // you may also set the value without brackets and the SDK will automatically add them
            // also some values may include "|" character as the additional separator (e.g. "01|03453120000011|17|291030|10|ABC123")
            // barcode.Value = "01034531200000111729103010ABC123"; // it will be converted to GS1 format

            // you may also optionally check if this value is valid according to GS1 specification
            // bool isValidValue = barcode.ValueIsValidGS1(barcode.Value);

            // Save barcode to image
            barcode.SaveImage("result.png");

            // Show image in default image viewer
            Process.Start("result.png");
        }
    }
}
```

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VIDEO

<https://www.youtube.com/watch?v=REnj3A-oSPI>

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