

How to read from live camera in ASP.NET MVC C# using ByteScout BarCode Reader SDK

How to code in ASP.NET MVC C# to read from live camera with this step-by-step tutorial

On this page you will learn from code samples for programming in ASP.NET MVC C#. Writing of the code to read from live camera in ASP.NET MVC C# can be done by developers of any level using ByteScout BarCode Reader SDK. What is ByteScout BarCode Reader SDK? It is the SDK for barcode decoding. Can read all popular types from Code 128, GS1, UPC and Code 39 to QR Code, Datamatrix, PDF417. Images, pdf, TIF images and live web camera are supported as input. Designed to handle documents with noise and defects. Includes optional splitter and merger for pdf and tiff based on barcodes. Batch mode is optimized for high performance with multiple threads. Decoded values can be exported to XML, JSON, CSV or into custom data format. It can help you to read from live camera in your ASP.NET MVC C# application.

Fast application programming interfaces of ByteScout BarCode Reader SDK for ASP.NET MVC C# plus the instruction and the code below will help you quickly learn how to read from live camera. Follow the instructions from the scratch to work and copy the ASP.NET MVC C# code. Enjoy writing a code with ready-to-use sample ASP.NET MVC C# codes.

ByteScout free trial version is available for download from our website. It includes all these programming tutorials along with source code samples.

FOR MORE INFORMATION AND FREE TRIAL:

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[Read more about ByteScout BarCode Reader SDK](#)

[Explore API Documentation](#)

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

Source Code Files:

!!!ReadmeFIRST.txt

This sample supports all browsers by using 2 modes:

(required mode is automatically detected by the javascript)

- HTML5 based web camera capture (supported by Google Chrome, Firefox, Safari, Safari
- Flash based web camera capture (supported by Internet Explorer 9+ and any browser with

IMPORTANT about HTML5 webcam support (Chrome, Firefox, Safari on desktop and iOS):

Visual Studio 2008/2010 or higher is required for this sample to run!

- 1) Install evaluation copy of Barcode Reader SDK from www.bytescout.com
- 2) in Visual Studio use File - Open - Web-Site.. and open the folder with this sample
- 3) Add a reference to ByteScout Barcode Reader dll using the menu: Website - Add Reference
- 4) Right-click on "Default.aspx" file and select "Set As Start Page"
- 5) Run the project in debug mode
- 6) Visual Studio will run your project in Internet Explorer or another browser
- If it run Internet Explorer then better copy the link from the IE and copy-and-paste to
- 7) When browser asks for permission to access web-cam click "Allow" to allow access to
- 8) click "START BARCODE SCAN.." button so the page will start automatically to grab from
- 9) IMPORTANT: barcode should be in focus. Some webcams are not focusing on small barcodes

10) Click Stop to stop barcode scanning

Select barcode type to scan if need to scan a particular barcode type (by default scans

TESTING:

- we recommend to use the Conveyor plugin to test your web app from local net or public

BarcodeReader.sln

```
Microsoft Visual Studio Solution File, Format Version 12.00
# Visual Studio 14
VisualStudioVersion = 14.0.25420.1
MinimumVisualStudioVersion = 10.0.40219.1
Project("{FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}") = "app", "app\BarcodeReader.csproj",
EndProject
Global
    GlobalSection(SolutionConfigurationPlatforms) = preSolution
        Debug|Any CPU = Debug|Any CPU
        Release|Any CPU = Release|Any CPU
    EndGlobalSection
    GlobalSection(ProjectConfigurationPlatforms) = postSolution
```

```
        {A6EE57E5-62C7-4567-9BC0-E573686BF043}.Debug|Any CPU.ActiveCfg = Debug
        {A6EE57E5-62C7-4567-9BC0-E573686BF043}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {A6EE57E5-62C7-4567-9BC0-E573686BF043}.Release|Any CPU.ActiveCfg = Release
        {A6EE57E5-62C7-4567-9BC0-E573686BF043}.Release|Any CPU.Build.0 = Release
    EndGlobalSection
    GlobalSection(SolutionProperties) = preSolution
        HideSolutionNode = FALSE
    EndGlobalSection
EndGlobal
```

VIDEO

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

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