How to read barcode from live video cam with barcode reader sdk in C# and ByteScout Data Extraction Suite

Learning is essential in computer world and the tutorial below will demonstrate how to read barcode from live video cam with barcode reader sdk in C#

ByteScout simple and easy to understand tutorials are planned to describe the code for both C# beginners and advanced programmers. What is ByteScout Data Extraction Suite? It is the set that includes 3 SDK products for data extraction from PDF, scans, images and from spreadsheets: PDF Extractor SDK, Data Extraction SDK, Barcode Reader SDK. It can help you to read barcode from live video cam with barcode reader sdk in your C# application.

These C# code samples for C# guide developers to speed up coding of the application when using ByteScout Data Extraction Suite. Follow the instructions from scratch to work and copy the C# code. This basic programming language sample code for C# will do the whole work for you to read barcode from live video cam with barcode reader sdk.

Our website gives trial version of ByteScout Data Extraction Suite for free. It also includes documentation and source code samples.

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about ByteScout Data Extraction Suite

Explore API Documentation

Get Free Training for ByteScout Data Extraction Suite

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Source Code Files:

MainForm.Designer.cs

```csharp
namespace ReadFromVideoCamera
{
    partial class MainForm
    {
        /// <summary>
        /// Required designer variable.
        /// </summary>
        private System.ComponentModel.IContainer components = null;

        /// <summary>
        /// Clean up any resources being used.
        /// </summary>
        /// <param name="disposing">true if managed resources should be disposed; other
        protected override void Dispose(bool disposing)
        {
            if (disposing && (components != null))
            {
                components.Dispose();
            }
            base.Dispose(disposing);
        }

        #region Windows Form Designer generated code

        /// <summary>
        /// Required method for Designer support - do not modify
        /// the contents of this method with the code editor.
        /// </summary>
        private void InitializeComponent()
        {
                        this.lblFoundBarcodes = new System.Windows.Forms.Label();
                        this.pictureBoxPreview = new System.Windows.Forms.PictureBox()
                        this.btnStop = new System.Windows.Forms.Button();
                        this.btnStart = new System.Windows.Forms.Button();
                        this.rtbFoundBarcodes = new System.Windows.Forms.RichTextBox()
                        this.label1 = new System.Windows.Forms.Label();
                        this.cmbCamera = new System.Windows.Forms.ComboBox();
                        this.btnExit = new System.Windows.Forms.Button();
                        this.label3 = new System.Windows.Forms.Label();
                        this.cmbBarcodeType = new System.Windows.Forms.ComboBox();
                        this.lblScanning = new System.Windows.Forms.Label();
                        this.label2 = new System.Windows.Forms.Label();
                        this.tbCameraWidth = new System.Windows.Forms.TextBox();
                        this.tbCameraHeight = new System.Windows.Forms.TextBox();
                        this.label4 = new System.Windows.Forms.Label();
                        this.cbStopOnFirstBarcode = new System.Windows.Forms.CheckBox()
                        this.btnUpdateCameraImageDimensions = new System.Windows.Forms
                        this.btnCameraProperties = new System.Windows.Forms.Button();
                        ((System.ComponentModel.ISupportInitialize)(this.pictureBoxPrev
                        this.SuspendLayout();
                        //
                        // lblFoundBarcodes
                        //
                        this.lblFoundBarcodes.Anchor = ((System.Windows.Forms.AnchorSty
                        this.lblFoundBarcodes.AutoSize = true;
```

```csharp
            this.lblFoundBarcodes.Location = new System.Drawing.Point(12, (
            this.lblFoundBarcodes.Name = "lblFoundBarcodes";
            this.lblFoundBarcodes.Size = new System.Drawing.Size(93, 13);
            this.lblFoundBarcodes.TabIndex = 5;
            this.lblFoundBarcodes.Text = "Found 0 barcodes";
            //
            // pictureBoxPreview
            //
            this.pictureBoxPreview.Anchor = ((System.Windows.Forms.AnchorSt
            | System.Windows.Forms.AnchorStyles.Left)
            | System.Windows.Forms.AnchorStyles.Right)));
            this.pictureBoxPreview.BackColor = System.Drawing.Color.White;
            this.pictureBoxPreview.BorderStyle = System.Windows.Forms.Borde
            this.pictureBoxPreview.Location = new System.Drawing.Point(12,
            this.pictureBoxPreview.Name = "pictureBoxPreview";
            this.pictureBoxPreview.Size = new System.Drawing.Size(640, 480)
            this.pictureBoxPreview.SizeMode = System.Windows.Forms.PictureB
            this.pictureBoxPreview.TabIndex = 8;
            this.pictureBoxPreview.TabStop = false;
            //
            // btnStop
            //
            this.btnStop.Anchor = ((System.Windows.Forms.AnchorStyles)((Sys
            this.btnStop.Enabled = false;
            this.btnStop.Font = new System.Drawing.Font("Tahoma", 8.25F, Sy
            this.btnStop.Location = new System.Drawing.Point(98, 690);
            this.btnStop.Name = "btnStop";
            this.btnStop.Size = new System.Drawing.Size(80, 26);
            this.btnStop.TabIndex = 7;
            this.btnStop.Text = "Stop";
            this.btnStop.UseVisualStyleBackColor = true;
            this.btnStop.Click += new System.EventHandler(this.btnStop_Clic
            //
            // btnStart
            //
            this.btnStart.Anchor = ((System.Windows.Forms.AnchorStyles)((Sy
            this.btnStart.Font = new System.Drawing.Font("Tahoma", 8.25F, S
            this.btnStart.Location = new System.Drawing.Point(12, 690);
            this.btnStart.Name = "btnStart";
            this.btnStart.Size = new System.Drawing.Size(80, 26);
            this.btnStart.TabIndex = 6;
            this.btnStart.Text = "Start";
            this.btnStart.UseVisualStyleBackColor = true;
            this.btnStart.Click += new System.EventHandler(this.btnStart_Cl
            //
            // rtbFoundBarcodes
            //
            this.rtbFoundBarcodes.Anchor = ((System.Windows.Forms.AnchorSty
            | System.Windows.Forms.AnchorStyles.Right)));
            this.rtbFoundBarcodes.Location = new System.Drawing.Point(12, (
            this.rtbFoundBarcodes.Name = "rtbFoundBarcodes";
            this.rtbFoundBarcodes.Size = new System.Drawing.Size(640, 68);
            this.rtbFoundBarcodes.TabIndex = 5;
            this.rtbFoundBarcodes.Text = "";
            //
            // label1
            //
            this.label1.AutoSize = true;
            this.label1.Location = new System.Drawing.Point(9, 42);
            this.label1.Name = "label1";
```

```csharp
            this.label1.Size = new System.Drawing.Size(80, 13);
            this.label1.TabIndex = 20;
            this.label1.Text = "Camera Device";
            //
            // cmbCamera
            //
            this.cmbCamera.DropDownStyle = System.Windows.Forms.ComboBoxSty
            this.cmbCamera.FormattingEnabled = true;
            this.cmbCamera.Location = new System.Drawing.Point(163, 39);
            this.cmbCamera.Name = "cmbCamera";
            this.cmbCamera.Size = new System.Drawing.Size(245, 21);
            this.cmbCamera.TabIndex = 1;
            this.cmbCamera.SelectedIndexChanged += new System.EventHandler
            //
            // btnExit
            //
            this.btnExit.Anchor = ((System.Windows.Forms.AnchorStyles)((Sys
            this.btnExit.DialogResult = System.Windows.Forms.DialogResult.
            this.btnExit.Font = new System.Drawing.Font("Tahoma", 8.25F, Sy
            this.btnExit.Location = new System.Drawing.Point(562, 690);
            this.btnExit.Name = "btnExit";
            this.btnExit.Size = new System.Drawing.Size(90, 26);
            this.btnExit.TabIndex = 8;
            this.btnExit.Text = "Exit";
            this.btnExit.UseVisualStyleBackColor = true;
            this.btnExit.Click += new System.EventHandler(this.btnExit_Cli
            //
            // label3
            //
            this.label3.AutoSize = true;
            this.label3.Font = new System.Drawing.Font("Tahoma", 8.25F, Sys
            this.label3.Location = new System.Drawing.Point(9, 15);
            this.label3.Name = "label3";
            this.label3.Size = new System.Drawing.Size(131, 13);
            this.label3.TabIndex = 23;
            this.label3.Text = "Barcode Type To Scan";
            //
            // cmbBarcodeType
            //
            this.cmbBarcodeType.DropDownStyle = System.Windows.Forms.ComboB
            this.cmbBarcodeType.FormattingEnabled = true;
            this.cmbBarcodeType.Location = new System.Drawing.Point(163, 12
            this.cmbBarcodeType.Name = "cmbBarcodeType";
            this.cmbBarcodeType.Size = new System.Drawing.Size(245, 21);
            this.cmbBarcodeType.Sorted = true;
            this.cmbBarcodeType.TabIndex = 0;
            //
            // lblScanning
            //
            this.lblScanning.Anchor = ((System.Windows.Forms.AnchorStyles)
            this.lblScanning.AutoSize = true;
            this.lblScanning.Font = new System.Drawing.Font("Tahoma", 8.25
            this.lblScanning.Location = new System.Drawing.Point(580, 600)
            this.lblScanning.Name = "lblScanning";
            this.lblScanning.Size = new System.Drawing.Size(67, 13);
            this.lblScanning.TabIndex = 24;
            this.lblScanning.Text = "Scanning...";
            this.lblScanning.Visible = false;
            //
            // label2
```

```csharp
            // 
            this.label2.AutoSize = true;
            this.label2.Location = new System.Drawing.Point(9, 69);
            this.label2.Name = "label2";
            this.label2.Size = new System.Drawing.Size(132, 13);
            this.label2.TabIndex = 26;
            this.label2.Text = "Camera Image Dimensions";
            // 
            // tbCameraWidth
            // 
            this.tbCameraWidth.Location = new System.Drawing.Point(163, 66);
            this.tbCameraWidth.Name = "tbCameraWidth";
            this.tbCameraWidth.Size = new System.Drawing.Size(35, 20);
            this.tbCameraWidth.TabIndex = 2;
            this.tbCameraWidth.Text = "640";
            // 
            // tbCameraHeight
            // 
            this.tbCameraHeight.Location = new System.Drawing.Point(222, 66);
            this.tbCameraHeight.Name = "tbCameraHeight";
            this.tbCameraHeight.Size = new System.Drawing.Size(35, 20);
            this.tbCameraHeight.TabIndex = 3;
            this.tbCameraHeight.Text = "480";
            // 
            // label4
            // 
            this.label4.AutoSize = true;
            this.label4.Location = new System.Drawing.Point(204, 69);
            this.label4.Name = "label4";
            this.label4.Size = new System.Drawing.Size(12, 13);
            this.label4.TabIndex = 29;
            this.label4.Text = "x";
            // 
            // cbStopOnFirstBarcode
            // 
            this.cbStopOnFirstBarcode.AutoSize = true;
            this.cbStopOnFirstBarcode.Location = new System.Drawing.Point(1
            this.cbStopOnFirstBarcode.Name = "cbStopOnFirstBarcode";
            this.cbStopOnFirstBarcode.Size = new System.Drawing.Size(154, 1
            this.cbStopOnFirstBarcode.TabIndex = 30;
            this.cbStopOnFirstBarcode.Text = "Stop on first barcode found"
            this.cbStopOnFirstBarcode.UseVisualStyleBackColor = true;
            // 
            // btnUpdateCameraImageDimensions
            // 
            this.btnUpdateCameraImageDimensions.Location = new System.Draw
            this.btnUpdateCameraImageDimensions.Name = "btnUpdateCameraImag
            this.btnUpdateCameraImageDimensions.Size = new System.Drawing.S
            this.btnUpdateCameraImageDimensions.TabIndex = 4;
            this.btnUpdateCameraImageDimensions.Text = "Update";
            this.btnUpdateCameraImageDimensions.UseVisualStyleBackColor = 
            this.btnUpdateCameraImageDimensions.Click += new System.EventH
            // 
            // btnCameraProperties
            // 
            this.btnCameraProperties.Location = new System.Drawing.Point(4
            this.btnCameraProperties.Name = "btnCameraProperties";
            this.btnCameraProperties.Size = new System.Drawing.Size(131, 2
            this.btnCameraProperties.TabIndex = 31;
            this.btnCameraProperties.Text = "Camera Properties";
```

```csharp
                    this.btnCameraProperties.UseVisualStyleBackColor = true;
                    this.btnCameraProperties.Click += new System.EventHandler(this
                    //
                    // MainForm
                    //
                    this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);
                    this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
                    this.CancelButton = this.btnExit;
                    this.ClientSize = new System.Drawing.Size(664, 728);
                    this.Controls.Add(this.btnCameraProperties);
                    this.Controls.Add(this.btnUpdateCameraImageDimensions);
                    this.Controls.Add(this.cbStopOnFirstBarcode);
                    this.Controls.Add(this.label4);
                    this.Controls.Add(this.tbCameraHeight);
                    this.Controls.Add(this.tbCameraWidth);
                    this.Controls.Add(this.label2);
                    this.Controls.Add(this.lblScanning);
                    this.Controls.Add(this.label3);
                    this.Controls.Add(this.cmbBarcodeType);
                    this.Controls.Add(this.btnExit);
                    this.Controls.Add(this.label1);
                    this.Controls.Add(this.cmbCamera);
                    this.Controls.Add(this.rtbFoundBarcodes);
                    this.Controls.Add(this.btnStop);
                    this.Controls.Add(this.btnStart);
                    this.Controls.Add(this.pictureBoxPreview);
                    this.Controls.Add(this.lblFoundBarcodes);
                    this.Name = "MainForm";
                    this.ShowIcon = false;
                    this.StartPosition = System.Windows.Forms.FormStartPosition.Cer
                    this.Text = "Barcode Scanner";
                    this.Load += new System.EventHandler(this.Form_Load);
                    ((System.ComponentModel.ISupportInitialize)(this.pictureBoxPrev
                    this.ResumeLayout(false);
                    this.PerformLayout();

        }

        #endregion

        private System.Windows.Forms.Label lblFoundBarcodes;
        private System.Windows.Forms.PictureBox pictureBoxPreview;
        private System.Windows.Forms.Button btnStop;
        private System.Windows.Forms.Button btnStart;
        private System.Windows.Forms.RichTextBox rtbFoundBarcodes;
        private System.Windows.Forms.Label label1;
        private System.Windows.Forms.ComboBox cmbCamera;
        private System.Windows.Forms.Button btnExit;
        private System.Windows.Forms.Label label3;
        private System.Windows.Forms.ComboBox cmbBarcodeType;
        private System.Windows.Forms.Label lblScanning;
        private System.Windows.Forms.Label label2;
        private System.Windows.Forms.TextBox tbCameraWidth;
        private System.Windows.Forms.TextBox tbCameraHeight;
        private System.Windows.Forms.Label label4;
            private System.Windows.Forms.CheckBox cbStopOnFirstBarcode;
        private System.Windows.Forms.Button btnUpdateCameraImageDimensions;
            private System.Windows.Forms.Button btnCameraProperties;
        }

}
```

MainForm.cs

```csharp
using System;
using System.ComponentModel;
using System.Drawing;
using System.Media;
using System.Reflection;
using System.Text;
using System.Windows.Forms;
using System.Threading;
using Bytescout.BarCodeReader;
using TouchlessLib;


namespace ReadFromVideoCamera
{
    public partial class MainForm: Form
    {
            // Scan delay, ms.
            const int SCAN_DELAY = 1500; // scan barcodes every 1.5 sec

            // Touchless SDK library manager (to use it you should have TouchlessL
        readonly TouchlessMgr _touchlessLibManager;

        // Background thread for barcode scanning
        readonly BackgroundWorker _backgroundWorker = new BackgroundWorker();
            // Synchronization event
        readonly AutoResetEvent _synchronizationEvent = new AutoResetEvent(false);

            // Form constructor
            public MainForm()
    {
        InitializeComponent();

        // Create Touchless library manager
        _touchlessLibManager = new TouchlessMgr();

                // Setup background worker
        _backgroundWorker.WorkerSupportsCancellation = true;
                _backgroundWorker.DoWork += BackgroundWorker_DoWork;
                _backgroundWorker.RunWorkerCompleted += BackgroundWorker_RunWor
            }

        // On form loading
    private void Form_Load(object sender, EventArgs e)
    {
        // Fill devices combobox with available video cameras
        foreach (Camera camera in _touchlessLibManager.Cameras)
```

```csharp
                cmbCamera.Items.Add(camera);

        // Select the first available camera. See also cmbCamera_SelectedIndexChang
        if (_touchlessLibManager.Cameras.Count > 0)
                cmbCamera.SelectedItem = _touchlessLibManager.Cameras[0];
        else
                MessageBox.Show("No video camera available. Please connect the

        // Populate barcode types combobox
    PopulateBarcodeTypesCombobox();
                // Select some default barcode type
                cmbBarcodeType.SelectedItem = "QRCode";
    }


    protected void PopulateBarcodeTypesCombobox()
    {
            cmbBarcodeType.Items.Clear();

            foreach (PropertyInfo propertyInfo in typeof(BarcodeTypeSelector).
                    cmbBarcodeType.Items.Add(propertyInfo.Name);
    }


        // On camera selected
    private void cmbCamera_SelectedIndexChanged(object sender, EventArgs e)
    {
        if (_touchlessLibManager.CurrentCamera != null)
            _touchlessLibManager.CurrentCamera.OnImageCaptured -= CurrentCamera_On

                if (cmbCamera.SelectedIndex != -1)
                {
                        Camera camera = _touchlessLibManager.Cameras[cmbCamera

                        if (camera != null)
                        {
                                // Set camera output image dimensions
                                camera.CaptureWidth = int.Parse(tbCameraWidth.
                                camera.CaptureHeight = int.Parse(tbCameraHeigh

                                camera.OnImageCaptured += CurrentCamera_OnImage

                                // Select the camera
                                _touchlessLibManager.CurrentCamera = camera;
                        }
                }
    }


        private void btnUpdateCameraImageDimensions_Click(object sender, EventA
    {
        if (_touchlessLibManager.CurrentCamera != null)
        {
            // Update camera's output image dimensions
            _touchlessLibManager.CurrentCamera.CaptureWidth = int.Parse(tbCameraWid
            _touchlessLibManager.CurrentCamera.CaptureHeight = int.Parse(tbCameraHe
        }
    }

    public void StartDecoding()
    {
        if (cmbCamera.SelectedIndex == -1)
            return;
```

```csharp
        // Clear the output text box
        rtbFoundBarcodes.Clear();

        // Check if we have camera selected
        if (cmbCamera.SelectedIndex != -1)
        {
                        // Start the decoding in the background thread
            BarcodeTypeSelector barcodeTypesToFind = GetBarcodeTypeFromCombobox
            _backgroundWorker.RunWorkerAsync(barcodeTypesToFind);

                        UpdateControls(true);
            }
                else
    {
        MessageBox.Show("Please select the camera first!");
    }
}

private void StopDecoding()
{
        _backgroundWorker.CancelAsync();

                // Wait until BackgroundWorker finished
        if (_backgroundWorker.IsBusy)
                _synchronizationEvent.WaitOne();

        UpdateControls(false);
}

    void UpdateControls(bool started)
    {
            if (started)
            {
                        btnStart.Enabled = false;
                        btnStop.Enabled = true;
                        cmbBarcodeType.Enabled = false;
                        cmbCamera.Enabled = false;
                    tbCameraHeight.Enabled = false;
                    tbCameraWidth.Enabled = false;
                    btnUpdateCameraImageDimensions.Enabled = false;
                    cbStopOnFirstBarcode.Enabled = false;
                    lblScanning.Visible = true;
                    lblScanning.Text = "Scanning...";
            }
            else
            {
                        btnStart.Enabled = true;
                        btnStop.Enabled = false;
                        cmbBarcodeType.Enabled = true;
                        cmbCamera.Enabled = true;
                        cbStopOnFirstBarcode.Enabled = true;
                        tbCameraHeight.Enabled = true;
                        tbCameraWidth.Enabled = true;
                        btnUpdateCameraImageDimensions.Enabled = true;
                        lblScanning.Visible = true;
                }
        }
    }

void CurrentCamera_OnImageCaptured(object sender, CameraEventArgs e)
```

```csharp
        {
                    pictureBoxPreview.Image = e.Image;
        }


    private void btnStart_Click(object sender, EventArgs e)
    {
        StartDecoding();
    }

    private void btnStop_Click(object sender, EventArgs e)
    {
        StopDecoding();
    }

    // Background thread procedure used by BackgroundWorker
        public void BackgroundWorker_DoWork(object sender, DoWorkEventArgs e)
        {
                BackgroundWorker worker = (BackgroundWorker) sender;
                BarcodeTypeSelector barcodeTypesToFind = (BarcodeTypeSelector)

        // Create and setup barcode reader instance
                using (Reader reader = new Reader())
                {
                        reader.RegistrationName = "demo";
                        reader.RegistrationKey = "demo";

                        reader.BarcodeTypesToFind = barcodeTypesToFind;

                        // Work while not canceled
                        while (true)
                        {
                                // Check cancellation
                                if (worker.CancellationPending)
                                {
                                        e.Cancel = true;
                                        _synchronizationEvent.Set();
                                        return;
                                }

                                // Get image from camera by invoking method fr
                                Bitmap bitmap = (Bitmap) Invoke(new GetCameraIn
                                if (bitmap == null)
                                {
                                        e.Result = null;
                                        return;
                                }

                                /* ---------------------------------------------
                                NOTE: We can read barcodes from specific page
                                For sample please refer to "Decoding barcodes
                                ----------------------------------------------

                                // Search the image for barcodes
                                FoundBarcode[] result = reader.ReadFrom(bitmap)

                                // Update UI asynchronously
                                BeginInvoke(new Action<FoundBarcode[]>(UpdateSt

                                // Pause
                                Thread.Sleep(SCAN_DELAY);
```

```csharp
                }
            }
        }

        delegate Bitmap GetCameraImageDelegate();

        Bitmap GetCameraImage()
        {
            if (!IsDisposed && !Disposing && _touchlessLibManager.CurrentCa
                return _touchlessLibManager.CurrentCamera.GetCurrentIma

            return null;
        }

        // Update UI with found barcodes information
        void UpdateStatus(FoundBarcode[] foundBarcodes)
        {
            if (foundBarcodes != null && foundBarcodes.Length > 0)
            {
                // Play sound if we found any barcode
                SystemSounds.Beep.Play();

                StringBuilder stringBuilder = new StringBuilder();

                stringBuilder.AppendFormat("Time: {0:HH:mm:ss:tt}", Da
                stringBuilder.AppendLine();

                // Display found barcodes in the output text box
                foreach (FoundBarcode barcode in foundBarcodes)
                {
                    stringBuilder.AppendFormat("Found barcode: {0}
                    stringBuilder.AppendLine();
                }

                rtbFoundBarcodes.Text = stringBuilder.ToString();

                // Update status text with number of found barcodes
                lblFoundBarcodes.Text = string.Format("Found {0} barco
            }

            // Make "Scanning..." label flicker.
            lblScanning.Visible = !lblScanning.Visible;
            lblScanning.Refresh();

            // Check if we need to stop on first barcode found
            if (cbStopOnFirstBarcode.Checked && foundBarcodes != null && fo
            {
                StopDecoding();
            }
        }


        // Background thread is finished
        private void BackgroundWorker_RunWorkerCompleted(object sender, RunWorkerC
        {
            // Update UI asynchronously
            BeginInvoke(new Action<RunWorkerCompletedEventArgs>(OnBackgroun
        }

        void OnBackgroundWorkerFinished(RunWorkerCompletedEventArgs completedEvent
        {
```

```csharp
                    if (completedEventArgs.Cancelled)
                    {
                            lblScanning.Text = "Stopped";
                    }
                    else if (completedEventArgs.Error != null)
                    {
                            lblScanning.Text = "Error: " + completedEventArgs.Error
                    }
                    else
                    {
                            lblScanning.Text = "Done!";
                    }

                    UpdateControls(false);
            }

            // Gets selected barcode type
            private BarcodeTypeSelector GetBarcodeTypeFromCombobox()
            {
                    BarcodeTypeSelector result = new BarcodeTypeSelector();

                    string selectedBarcodeTypeName = (string) cmbBarcodeType.Select

                PropertyInfo propertyInfo = typeof(BarcodeTypeSelector).GetProperty(se
                    propertyInfo.SetValue(result, true, null);

                    return result;
        }

        protected override void OnClosing(CancelEventArgs e)
        {
                    StopDecoding();

                    _touchlessLibManager.Dispose();

                    base.OnClosing(e);
        }

    private void btnExit_Click(object sender, EventArgs e)
    {
                    DialogResult = DialogResult.OK;
            Close();
    }

            private void btnCameraProperties_Click(object sender, EventArgs e)
            {
                    try
                    {
                            if (_touchlessLibManager.CurrentCamera != null)
                                    _touchlessLibManager.CurrentCamera.ShowPropert
                    }
                    catch (Exception exception)
                    {
                            MessageBox.Show(exception.Message);
                    }
            }
    }
}
```

Program.cs

```csharp
using System;
using System.Windows.Forms;

namespace ReadFromVideoCamera
{
    static class Program
    {
        /// <summary>
        /// The main entry point for the application.
        /// </summary>
        [MTAThread]
        static void Main()
        {
            Application.EnableVisualStyles();
            Application.SetCompatibleTextRenderingDefault(false);

            MainForm dlg = new MainForm();
            dlg.ShowDialog();
        }
    }
}
```

VIDEO

https://www.youtube.com/watch?v=NEwNs2b9YN8

ON-PREMISE OFFLINE SDK

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