

ESC Vision SDK - Start Here

A practical first-run guide for Delphi VCL developers

Important: what the installer contains

The SDK installer registers the precompiled runtime and design-time packages, documentation, and license. It deliberately does **not** contain the private master source tree or the **Sample** folder. Therefore **Sample\Camera Discovery\CameraDiscovery.dproj** exists only in a separately delivered source/sample bundle, not in Program Files.

1. Confirm the installation

Start RAD Studio, create or open a VCL application, and search the Tool Palette for **ESC Vision**. Place **TESCVCLCameraPreview** on a form. Its black rectangle at design time is expected: a live picture appears only when your program starts a camera preview.

2. Download and test the shared sample bundle

Evaluation and All-in customers use the same sample projects. Visit <https://esc-soft-tech.com/#documentation>, download the sample bundle, and extract it to a writable folder such as **Documents\ESC Vision SDK Samples**. Open **Sample\Camera Discovery\CameraDiscovery.dproj**, select your Delphi target, build, run, click **Enumerate Cameras**, select a device, and click **Start Preview**.

3. Select the next workflow

Need	Open or run	Result
Still photo in a form	Photo ID Capture	Capture window returns the selected bitmap to an image placeholder.
Save a photo file	Photo Capture	Captures a camera frame to an image file.
Record video	Camera Recording	Live monitor plus FFmpeg recording pipeline.
Network camera	RTSP Preview	Use only after you have a validated RTSP URL.
Several cameras	Multi-Camera Dashboard	Individual previews and controls for several devices.

4. If no camera appears

Open **Settings - Privacy & security - Camera** in Windows. Allow camera access for desktop apps. Close Teams, Zoom, Camera, or any other program using the device, reconnect the camera if necessary, then retry Camera Discovery.

Know your installed edition

The installed SDK controls sample behavior. Evaluation restrictions and output marking are enforced inside the Evaluation SDK; All-in enables its licensed feature set. The sample source cannot change or unlock the installed edition.

Support and samples

For the shared sample bundle and current documentation, visit <https://esc-soft-tech.com/#documentation>. For help, contact sales@esc-soft-tech.com and include your Delphi version, Windows version, SDK edition, and a screenshot or error text.

