

Helpdesk XIMEA

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libdmtx

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<https://www.ximea.com/support/wiki/vision-libraries/libdmtx>



Overview

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[Libdmtx](#) is open source software for reading and writing Data Matrix 2D barcodes on Linux, Unix, macOS, Windows, and mobile devices.

At its core libdmtx is a shared library, allowing C/C++ programs to use its capabilities without restrictions or overhead.

This library is not maintained anymore. It is available only on request

Installation

- Download [XIMEA API Software Package](#)
- When choosing components, make sure - API is checked

Sample

Our application demonstrates the use of the libdmtx open source library.

The demo application enables the user to:

- preview live image from the camera
- control camera mode, exposure and gain
- select triggering mode (off, software or hardware trigger)
- preview live image with histogram evaluations
- read datamatrix barcodes and evaluate result
- set search timeout
- set expected datamatrix barcode size
- set edge threshold to ignore weak edges below threshold

Source code from this sample is included in the [XIMEA API Software Package](#).

After standard installation it is installed at C:\XIMEA\VisionLibraries\libdmtx\example.

To compile - open dmtx_reader.vcproj with Microsoft Visual 2005.