HALOGEN™ DE2171 DEMO:
Halogen AF Demo Kit



Instructions

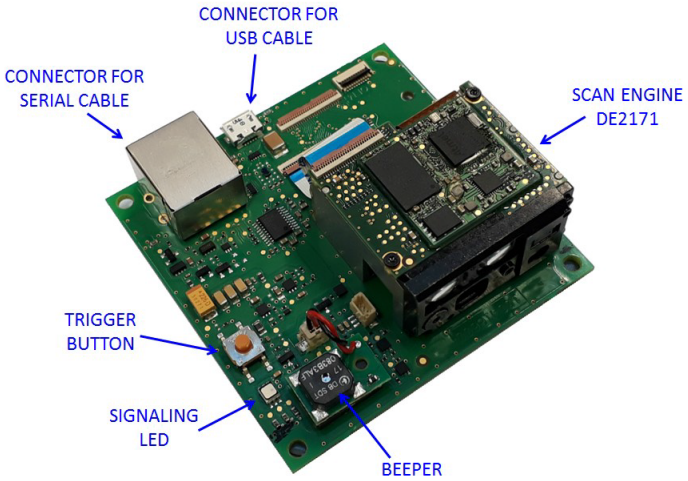
820110501 Rev. B October 2019

© 2019 Datalogic S.p.A. and/or its affiliates ▪ All rights reserved. ▪ Without limiting the rights under copyright, no part of this documentation may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means, or for any purpose, without the express written permission of Datalogic S.p.A. and/or its affiliates ▪ Datalogic and the Datalogic logo are registered trademarks of Datalogic S.p.A. in many countries, including the U.S. and the E.U. ▪ Halogen is a trademark of Datalogic S.p.A. and/or its affiliates. ▪ All other trademarks and brands are property of their respective owners. ▪
Patents. See www.patents.datalogic.com for patent list.▪

www.datalogic.com

This instruction sheet provides basic information for using DE2171 demo kit. This kit is intended to be used only for demonstrating the scan engine performance.
For detailed instructions about the scan engine functionalities, please refer to scan engine datasheet (available on Datalogic website: www.datalogic.com), integration guide and user's guide (available contacting Datalogic technical support).

Demo Kit Components



Warnings

The scan engine contains sensitive components which require special handling. Datalogic may not warrant damage due to improper handling.

- Do not disassemble the scan engine. Doing so will void the warranty.
- Use standard ESD precautions & policies when handling the DE2171 scan engine.
- High power LED illumination system. Do not stare into beam.
- Laser aiming system. Do not stare into beam.

The engine have exposed illumination and aiming systems on the outer surfaces. Take care of the optical components, preserving the lenses from mechanical stresses that can damage them. Avoid touching the optical surfaces to preserve the optical performance.

DE2171 Regulatory Label



Box Content

Demo Kit		Including: 1x DE2171-AF engine
USB Cable		
Serial Cable		
Power Supply and Cable		

Interface Selection and Usage

USB Composite - Default (*)

1. Connect the USB cable to the demo kit using the micro-USB connector
2. Connect the USB cable to a PC
3. Open a text editor to visualize scanning results
4. Scan USB Composite Interface label (see below)
5. Start reading barcodes by pressing the trigger button

USB Composite	

USB Keyboard

1. Connect the USB cable to the demo kit using the micro-USB connector
2. Connect the USB cable to a PC
3. Open a text editor to visualize scanning results
4. Scan USB Keyboard Interface label (see below)
5. Start reading barcodes by pressing the trigger button

USB Keyboard	

USB COM (*)

1. Connect the USB cable to the demo kit using the micro-USB connector
2. Connect the USB cable to a PC
3. Open a serial terminal to visualize scanning results (Baud Rate = 115.2K, Parity=none, Data bits = 8, Stop bits = 1)
4. Scan USB COM Interface label (see below)
5. Start reading barcodes by pressing the trigger button

USB COM	

RS232/UART (*)

1. Connect the serial cable to the demo kit using the RJ45 connector
2. Connect the serial cable to a PC
3. Connect the power supply to its cable and insert the jack into the serial cable
4. Connect the power supply cable to a standard plug
5. Open a serial terminal to visualize scanning results (Baud Rate = 115.2K, Parity=none, Data bits = 8, Stop bits = 1)
6. Scan RS232/UART Interface label (see below)
7. Start reading barcodes by pressing the trigger button.

RS232/UART	

(*) It is also possible to send commands to the reader using DESP protocol or Aladdin SW, see extended manuals for details.