



Cas n°1 : Secure your traceability by DataMatrix

With integrating lighting sensor only



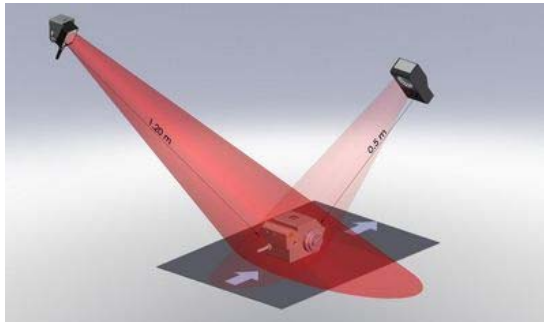
After additional TPL Vision lighting



Original part in manufactured aluminium:



Solution recommended by TPL Vision :



For more information:

[Datamatrix codes reading - Technical article 1.11](#)
http://www.tpl-vision.net/newsletters/datamatrix/A_bit_of_history_about_The_Datamatrix_Code.pdf

In vision, there's no universal solution.
 Be bright, choose an expert.

How to enhance reliability of the datamatrix codes in the car industry:

Context :

- Irregular surface of the part
- High speed
- Part position fixed in a laying
- Smart caméra with integrated lighting and able to be set closer.
- Protective covering not allowed

Solution :

A red ThinLED 4 LEDs spot to:

- Minimize cluttering
- Steady pictures contrast whatever the outside environment
- Get razing lighting thanks to adapted lenses
- Strobe up to 5 kHz with ThinLED power supply developed by TPL Vision

Let's submit your applications too,
 for free !

www.tpl-vision.net

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