

EMVA 1288 Standard: Introduction and Motivation

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Overview

- 1 Current Deficits - or about the adventures of Joe Customer, who wants to buy a good machine vision camera
- 2 Benefits for customer, distributors, and manufacturers alike

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Company E full image signal at an irradiation of $40 \text{ nJ}/\text{cm}^2$

Joe Customer ...

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Joe Customer ...

- ... decides not to buy a machine vision camera.

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- ... decides not to buy a machine vision camera.
- He has serious doubts about the quality of the cameras.

Further deficits

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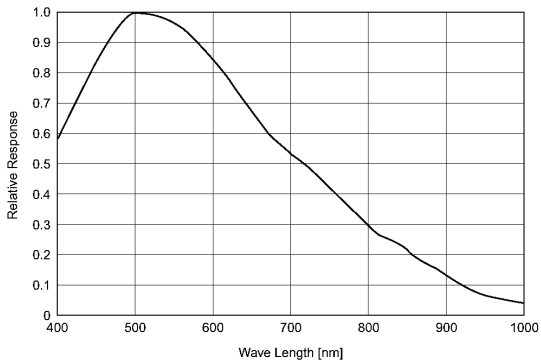
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- Camera manufacturers often do not specify the used imaging sensor
- Missing absolute values of spectral sensitivity



Historical comparison: Germany 1789



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- ... and those of the competition

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- A standardized characterization strengthens the machine vision industry as a whole (remember: machine vision industry is competing with other industries)
- Manufactures complying with the standard will find more acceptance