

## PRESS RELEASE

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for immediate release

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### **Become an EMVA 1288 Expert – New EMVA-Certification on two levels User Level for base knowledge about the standard and expert level to perform own EMVA 1288 measurements**

*Barcelona, 29 October, 2019.* For almost ten years release 3 of the EMVA 1288 standard has been available for an objective and application-oriented characterization of industrial cameras and is being used worldwide. Today the rapid and error-free development of new cameras is no longer conceivable without accompanying EMVA 1288 measurement. OEM customers can use the EMVA 1288 parameters to realistically and precisely define the requirements for customer-specific image sensor development. Distributors, system developers and end customers also use EMVA 1288 to select the best camera based on the requirements of an application.

#### *New EMVA 1288 Certification Program*

The way the EMVA 1288 standard is structured makes its application as simple as possible. However, image sensors and industrial cameras are complex systems. Their best possible use is not manageable without appropriate knowledge. EMVA therefore offers, in cooperation with member companies, training courses on the practical application of the standard, which can be combined with certification examinations on two levels. These two levels are:

The **User Level** includes the necessary knowledge to select the best possible camera(s) for a given application based on EMVA 1288 data sheets. The target group of this certification is employees from marketing and sales as well as all technically oriented employees who need basic knowledge about the EMVA 1288 standard. A total of four free webinars in English provide the knowledge required for certification on the User Level:

1. Why is an image sensor not perfect? Or – what effects degrade the signal of a camera?
2. Basic parameters of the EMVA 1288 standard: What do they mean and how are they measured?
3. What you should know about your application to select the best camera for it.
4. How to perform camera comparison in practice using the EMVA 1288 summary datasheet?

Certification exams at the User Level will be offered next year during the two trade fairs Control (Stuttgart) in May 2020 and Vision (Stuttgart) in November 2020. Details will follow soon. The certificate proves that the owner understands the important parameters of an image processing application and has basic knowledge about image sensors, cameras and the meaning of the EMVA 1288 parameters.

The **Expert Level** is designed for all those who want to develop cameras or perform EMVA 1288 measurements themselves. This requires practical experience with EMVA 1288 measurements. For this, in cooperation with two member companies and for a participation fee EMVA offers two-day training courses with practical demonstrations. At the end of the second day there will be the opportunity to take the written certification exam as an EMVA 1288 expert. The certificate shows that the holder has all the necessary knowledge to successfully carry out EMVA 1288 measurements himself and to interpret their results correctly, in particular if they deviate from the ideal behavior.

The next trainings for the EMVA 1288 Expert Level are:

- 4.- 5. December 2019, AEON, Hanau
- 13.- 14. May 2020, Framos, Munich

*Great benefits of certification at very manageable costs*

Applicants who pass the certification test of the User Level or the Expert Level receive a corresponding certificate. With this certification employees as well as companies can objectively prove and promote their EMVA 1288 knowledge. Given the widespread use of the EMVA 1288 standard, the certification costs of 200 Euros per Level for EMVA members and 250 Euros for non-members are manageable and equally useful investment.

**About EMVA:**

Founded in May 2003 in Barcelona, the European Machine Vision Association currently has about 120+ members representing more than 20 nations. Its aim is to promote the development and use of machine vision technology and to support the interests of its members - machine vision companies, research institutions and national machine vision associations. The main fields of work of EMVA are: standardization, statistics, the annual EMVA Business Conference and other networking events, European research funding, public relations and marketing. To find out more visit the web site [www.emva.org](http://www.emva.org).