

October 22, 2016

**IMPERX expands CHEETAH CMOS line with USB3 interface
at
VISION Stuttgart 2016**



Camera manufacturer **IMPERX** is expanding its CHEETAH CMOS camera product family with a new **USB3** camera interface option. Imperx will be demonstrating the U3V-C5180M (25 Megapixel CMOS camera with USB3 interface) at the VISION Stuttgart show, which runs from November 8-10, 2016. The Cheetah camera product family offers a USB3 interface for resolutions from 6MP to 25MP resolution.

The U3V-C5180 using the ON Semiconductor Python 25MP CMOS image sensor, offers improved sensitivity, dynamic range, noise and dark current as compared to the previous generation Vita 25M image sensor. The easy to use USB3 Vision (U3V) interface eliminates the need for a frame grabber while boosting data rates as compared to the popular CameraLink Base interface. Each of the new Cheetah cameras using the Python image sensor stands out thanks to their compact, ruggedized mechanical design and Imperx proprietary image processing algorithm which suppresses fixed pattern noise while retaining dynamic range.

Visitors are invited to view a live demonstration of the 25 Megapixel USB3 (U3V-C5180) at the Imperx booth. Imperx will also be introducing the ultra-high resolution Tiger CCD camera line and Cheetah CMOS cameras using Sony Pregius image sensors at the Show.

As a leading designer and manufacturer of high performance, high quality digital cameras, IMPERX is pleased to announce our exhibition at the VISION Stuttgart 2016, from November 8-10. IMPERX will display and demonstrate a vast range of innovative products and solutions, all with an eye toward product reliability, camera performance, growing cost sensitivity and embedded vision.

IMPERX at the VISION: Hall/Stand: no.1H81