



- Fast acquisition for efficient EBSD data collection
- CMOS imaging sensor for high sensitivity and low noise performance
- Accurate and precise data, even at high speeds, powered by EDAX triplet indexing and Confidence Index technology
- Optimized EDS-EBSD collection for highest EDS throughput at fastest EBSD speeds for complete analysis of multi-phase materials
- Compatible with patented NPART™ for improved data quality with challenging samples

Velocity EBSD Camera Series

Specifications – EBSD

Product	Velocity™ EBSD Camera Series
Imaging sensor	CMOS
Technique	EBSD
Maximum indexing speed (indexed points per second)	Pro - 2,000 Plus - 3,000 Super - 4,500
Image size	640 (H) x 480 (W)
Image size at max. speed	120 x 120
Beam requirement for max. indexing speed	Pro - 7 nA Plus - 11 nA Super - 25 nA
Screen	Phosphor
Orientation precision	<0.1° without special correction routines
Compatible with OIM Analysis™	✓
Compatible with HR-EBSD	✓
Digital output	12-bit
PRIAS™	Included
NPART™	Pro - Optional Plus - Optional Super - Included
Compatible with Octane Elect and Octane Elite	✓
Forward scatter detector	Included
Touch sensor	Included
Motorized slide with metal bellows	Included
TKD compatible	✓