



XRHCount *Inline*

Real-time component counting – directly integrated for maximum efficiency.

 **vc count**
by VisiConsult



XRHCount Inline

Counting for maximum efficiency.

The XRHCount Inline is the perfect solution for maximum automation in SMT production. Fully integrable into your warehouse process, it counts component reels contactlessly and without manual intervention. Conveyor belts handle loading and unloading, barcode recognition is integrated, and the system supports 24/7 operation. With its scalable design, Hermes or optional Smema compatibility, and user-friendly software, it's the next step toward the smart factory.

+ INLINE WORKFLOW

Perfect fit for ASYS, Essegi, or other automated material logistics platforms.

+ REAL-TIME ERP CONNECTION

Live inventory updates through smart connectivity with MES and ERP systems.

+ COMPACT FOOTPRINT

Designed to fit perfectly into modern SMT lines with minimal space requirements.

+ SCALABLE INVESTMENT

From pilot installations to full smart factory setups – grows with your needs.

+ 24/7 OPERATION

Built for continuous operation in high throughput environments, day and night.

+ HIGHEST LEVEL OF AUTOMATION

From loading to reel exit, no human interaction required.

+ CONNECTIVITY SUITE INCLUDED

Seamless ERP integration with no additional programming – your data flows instantly to where it's needed.

+ COUNTING CLOUD

Large reference database – no manual training required.

Smart warehouse integration.

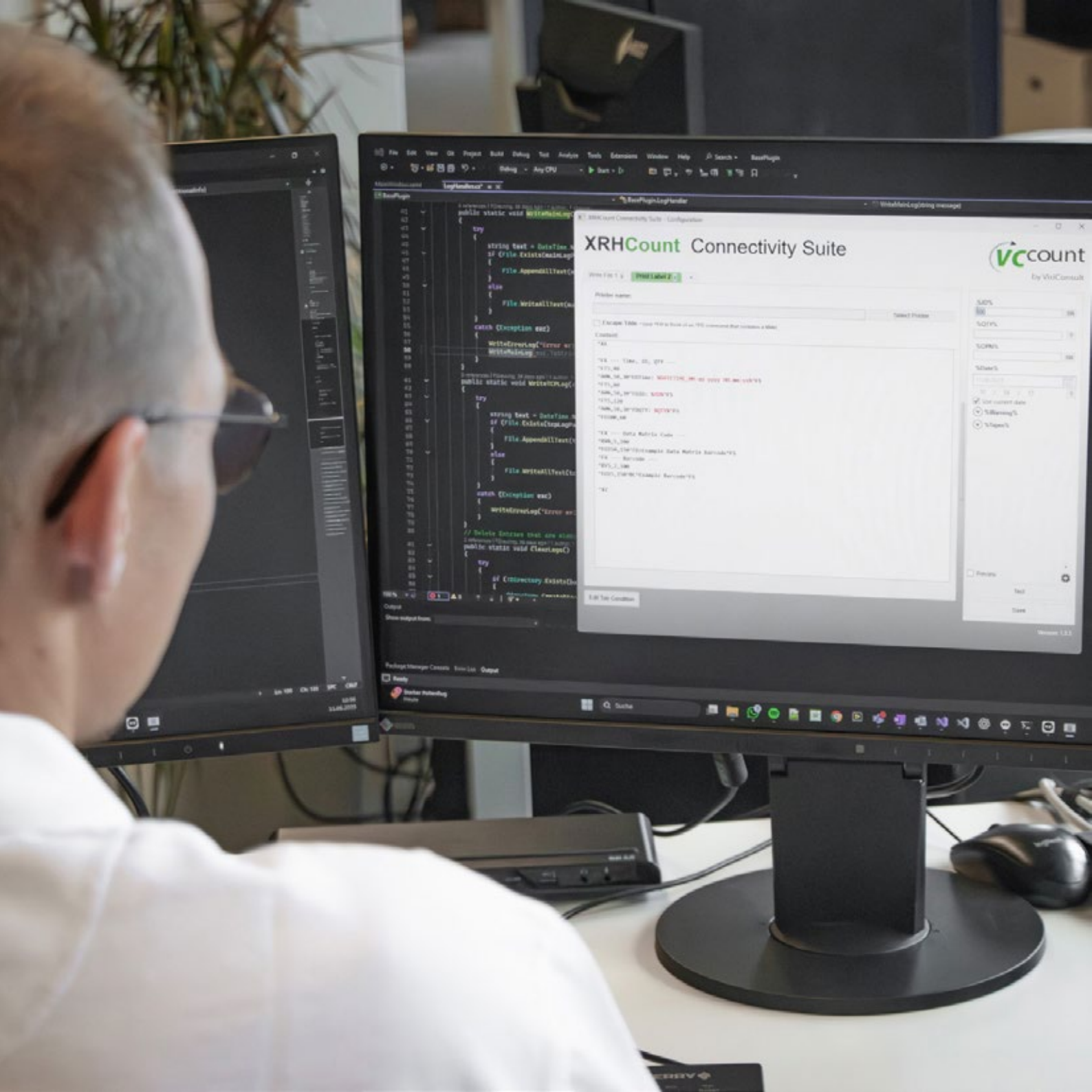
The **XRHCount Inline** is our high-performance solution for inline integration into automated warehouse and SMT logistics systems. Designed for full 24/7 operation, it delivers precise SMD component counts for reels in seconds, with no operator interaction required.

- + **Ready-to-use**
Installed by our partner, operated intuitively after a short training.
- + **ERP integration ready**
Connectivity Suite included: Export data via CSV, XML, SQL, or web service.
- + **Conveyor-based loading/unloading**
Fully automated transport system for seamless material flow.
- + **Hermes & SMEMA compatible**
Compliant with leading automation protocols for SMT integration.
- + **Automatic barcode recognition**
20MP camera modules ensure fast and accurate ID tracking.

XRHCount Inline is ready for seamless integration into Smart Warehouse environments, such as those powered by **ASYS** or **Essegi**.



Exemplary representation in an **ASYS** system.



Connect XRHCount Inline with your existing it environment.

Thanks to the included Connectivity Suite, the XRHCount Inline integrates effortlessly into your digital infrastructure, no custom programming required. Whether you're using a leading ERP platform or a proprietary MES, we've got you covered.

- + Data export in CSV, TXT, XML, SQL formats
- + Webservice interface for real-time integration
- + Hermes and SMEMA protocol compatibility
- + Optional barcode and printer output modules
- + Pre-built plug-ins for ASM, Fuji Nexim, iTAC, Mycronic, Panasonic, and more.

Technical Information.

Key Characteristics and Technical Specifications.

System	Footprint	830 x 660 x 2442 mm
	Weight	544 kg
	Power	~ 110-230V, 16 A, 50/60 Hz
	Shielding	<1 µSv / hour 10 cm from surface
	Connectivity	LAN, USB
	Export format	CSV, XML, SQL
Performance	Reel diameter	Ø7" to Ø15" (Ø180 - Ø380 mm)
	Cycle time	< 20 s / reel
	X-Ray Source	50 kV
	Flat panel detector (active area)	431,8 x 431,8 mm
	Flat panel detector (Pixel Pitch)	100 µm
	Part weight	Max. 3 kg



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About us.

INTELLIGENT X-RAY COMPONENT COUNTING – DEVELOPED AND MANUFACTURED IN GERMANY

VCcount is a division of VisiConsult X-ray Systems & Solutions GmbH.

Since its founding in 1996, the family-owned company has developed into one of the leading international providers in the field of industrial X-ray technology. VisiConsult offers end-to-end solutions, from software and systems to services – for non-destructive testing, quality assurance and, as in the case of VCcount, process optimization.

The VisiConsult group of companies employs around 300 people and includes other business divisions and subsidiaries such as VCxray, VCbattery, VCxray Inspection Services, and diondo X-ray Systems and Services. In addition to its headquarters in Germany, the group also has its own branches in the USA and India to ensure customer proximity and global service.

Nearly 30 years of experience in image processing and industrial X-ray technology, combined with experienced engineers, result in solutions that regularly set new industry standards.

This document is non-contractual. Constant improvement and engineering progress make it necessary that we reserve the right to make specification, equipment, and price changes without notice. Illustrations shown may include optional equipment and accessories and may not include all standard equipment.

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