



PRODUCT BROCHURE · MEASUREMENT

Quality Inspection Video Analytics — IndustrValytics

Intelligent vision for 100% inline quality inspection — real outcomes, built for the factory floor.

97%+

DEFECT DETECTION ACCURACY

<2 sec

ALERT LATENCY

100%

COVERAGE VS. STATISTICAL SAMPLING

15-20%

THROUGHPUT INCREASE

The problem: Statistical sampling inspects a fraction of units by design — which means, by definition, most defective units in the unsampled majority reach the next stage of production or the customer before anyone catches them.

WHAT'S INSIDE

Core capabilities

Six ways Quality Inspection AI solves this on day one.

100% Inline AI Inspection

Replaces statistical sampling entirely — every unit is inspected, not just a sampled fraction, with 97%+ defect detection accuracy.

Process Analytics

Beyond defect detection, continuous visual monitoring surfaces process deviations and cycle-time anomalies in real time.

Multi-Domain Coverage

Quality control, worker safety (PPE), process analytics, and security & access — a single vision platform covering multiple use cases from the same camera infrastructure.

Edge + Cloud Deployment

CMMI Level 3-delivered, edge and cloud ready, ERP/SAP integrated, and capable of offline operation for continuity.

Real-Time Alerting

Under 2-second alert latency means a defect is flagged before the unit advances to the next production stage, not discovered downstream.

Works With Existing CCTV

Reuses existing camera infrastructure — no need for a purpose-built inspection hardware network on every line.

Why IIOT Infotech

CMMI Level 3 process maturity, 50+ enterprise clients, and a full product suite owned end to end — no third-party stitching. Most engagements go live with a working pilot in 4-8 weeks, not a multi-quarter rollout.

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