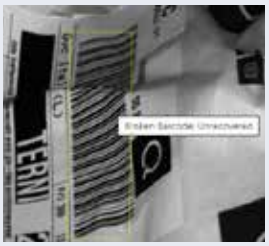
WEBSENTINEL PLUS INVESTIGATOR

The perfect Assistant to keep read rate at its best




Finder Pattern


Small Quite Zone


Broken Barcode

INVESTIGATOR is the software suite performing Image Analysis within the dataset collected through **WebSentinel Plus** platform by Datalogic Industrial Barcode Readers like AV and Matrix series.
INVESTIGATOR deep dive into the considerable amount of data produced by Barcode Readers taking out value from images:

- When a No Read event occurs:
  INVESTIGATOR extracts value from related Images by continuously processing them and determining, with Vision Algorithms and Artificial Intelligence, the No Read Root Cause (damaged label, printing problem, label misplaced, label not present).
  WebSentinel Plus platform will save these findings, allowing automated aggregation and helping to quickly understand major No Read trends and define corrective actions.

- When a Barcode is read:
  INVESTIGATOR monitors the flow of associated Printing Quality Grade and create Quality Trend reports/graphs to help Customers recognizing potentially dangerous situation before they lead to increase No Read rate.

INVESTIGATOR is extracting additional information enabling enhanced control of the Auto-ID process by recognizing quality trends and No Read Causes: this goes beyond pure barcode reading and creates new value without the necessity for specific hardware investment.

HIGHLIGHTS

- No Read Root Cause Automated aggregation in classes
- Printing Quality Trend evaluation
- Analysis Result at Parcel Level
- Reporting trends by day/hour
- Quick drill down to Image level
- Full integration within Websentinel Plus platform:
  - Individual user accounts with configurable roles and privileges
  - Web-based client
  - Cross platform server application (Windows and Linux OS)
  - Configurable alarm and event notification via email
  - Quickly 'drill-down' from enterprise to facility to scan point to device level views

TARGET MARKETS AND APPLICATIONS

- Transportation and Logistics (Postal and couriers, 3PL)
- Retail and E-Commerce (Distribution centers, Fulfillment)
- Intralogistics (Automated Warehousing)
- Automatic Warehousing
- Factory Automation (work in progress Tracking, Traceability)

BENEFITS

- Greatly reduced reaction time to Anomalous NoRead burst
- Anticipate Printing Quality degradation
- Save time of manual Image Analysis/aggregation
- Effective and precise review of processes
- Performance increase by trends analysis and root cause analysis
- Expedite response time to unwanted conditions
- Leverage Imager Barcode readers image saving capability
- Based on existing Websentinel Plus Software platform: flexibility to run on standard OS (Window 10, Linux)

TECHNICAL DATA

Software Requirements	Windows 10 Pro/Enterprise 64bit (build 16299.+ or later) Xubuntu 18.04 Web Browsers: Internet Explorer 10 (or later), Chrome 36 (or later), Firefox 30 (or later), Java version 8
Server Hardware Recommendations	Dedicated computer with the following: • Intel Core-i7 CPU or equivalent processor • 16 GB RAM • 1 GB hard disk free space for package data • 1 TB available disk space for images and data base (minimum) • Two 10/100/1000 MB Ethernet port • USB 2.0 port for software installation

LICENSES

PART NUMBER	DESCRIPTION	APPLY TO PRODUCTS
93A100035	AV-SP WS+ INVESTIGATOR, 1 YR	AV7000, AV500, AV900
93A100036	AV-SP WS+ INVESTIGATOR, 3 YRS	AV7000, AV500, AV900
93A100037	AV-SP WS+ INVESTIGATOR, RENEW 1 YR	AV7000, AV500, AV900
93A100038	AV-SP WS+ INVESTIGATOR, RENEW 3 YRS	AV7000, AV500, AV900
93A100039	MA-SP WS+ INVESTIGATOR, 1 YR	Matrix 320
93A100040	MA-SP WS+ INVESTIGATOR, 3 YRS	Matrix 320
93A100041	MA-SP WS+ INVESTIGATOR, RENEW 1 YR	Matrix 320
93A100042	MA-SP WS+ INVESTIGATOR, RENEW 3 YRS	Matrix 320

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