

LeadVision 领视

01 Extremely Simple

02 Extremely Precise

03 Intelligent

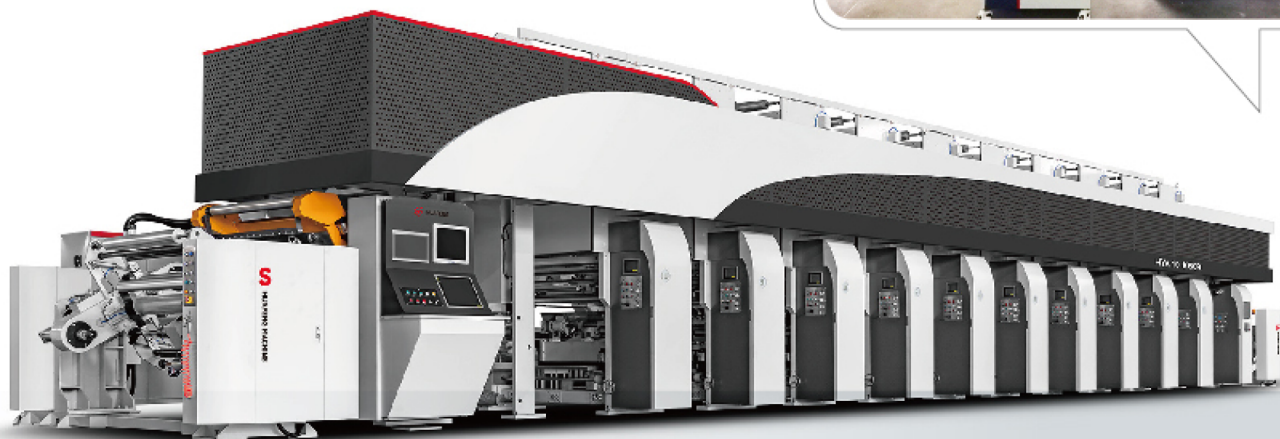
04 Efficient



MiSCAN 5000

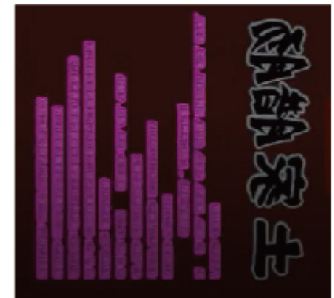
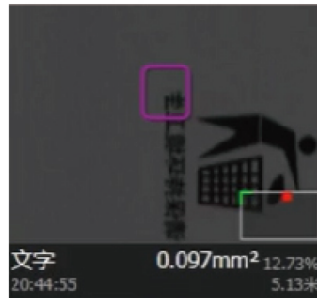
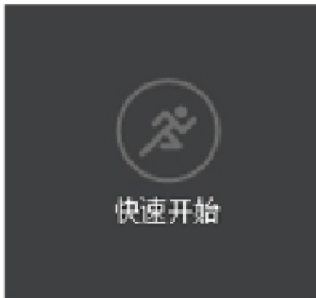
Printing Quality Online Inspection Solution

A smart solution based on machine vision and AI algorithms, applicable to equipment such as gravure printing machines, flexo printing machines, laminating machines, and slitting machines; it is designed to promptly detect occasional defects, continuous defects, and severe defects in the production process.



MiSCAN 5000

Printing Quality Online Inspection Solution



Scheme Parameters

Adaptability Range	Foil packaging, cigarette packaging, tipping paper, lining paper, etc.
Detection Materials	Film, composite materials, paper, etc.
Detection Width	500mm~2100mm
Detection Speed	≤600m/min
Camera Type	4K/8K High-Speed Color Line-Scan Camera
Number of Cameras	1~4
Illumination Source	LED (Diffuse Reflection, Direct Illumination, Transmission)
Man-Machine Interface	24-inch liquid crystal display monitor or industrial touch screen.
Defect Types	Mosquitoes, blade streaks, ink smudging, plate filling, registration deviation, color difference, missing prints, dry plates, etc.
Defect Handling Methods	★ Dual-color audio-visual alarm ★ Defect data report ★ Defect marking.
Optional Features	Printing/Lamination machine with inkjet coding and marking + bag making machine with image inspection + bag sorting machine with rejection solution Printing/Lamination machine with inkjet coding and marking + rewinding machine with rejection solution.

Solution Value-added Features

Multi-Terminal Display Support	Real-time defect screening function, which filters out defect data of completed roll numbers while detecting defects, and generates quality reports.
Touch Screen Operation	Supports industrial touch screen display and operation, further enhancing user convenience and improving user experience.
Variable Data Detection Feature	Supports simultaneous detection of printing appearance defects and reading of variable data, including barcodes, QR codes, etc.
Quality Server	Supports centralized storage and backup of job data, and can also share data with MES and ERP systems.
Defect Data Management Software	Supports statistical analysis and filtering of defect data to generate quality reports.
Defect Rejection Software	Supports detection and rejection (WorkFlow Link) work mode for defect stoppage and rejection control.