

TubeScan
eagle view



The economic solution for the printing press

Web viewing systems are a standard in the converting and label industry. They are used on almost every printing press for monitoring registration and overall print quality and accuracy, and color. The down side of in-line 100 % inspection systems so far has been the heavy investment, which many printers have avoided, thereby compromising quality assurance.

The new patented **TubeScan eagle view** is now bringing both worlds together: Multiple cameras are combined in the same housing to offer detailed viewing and 100 % inspection at the same time. The intuitive touch screen interface makes setup extremely simple and fast.



Full web view and detail viewing down to dot level

Your benefits

- ▲ Cost-efficient combination of 100 % print inspection and detail viewing
- ▲ Detail viewing offers a field of view of 35 mm x 25 mm (1,4" x 1") at a resolution of 1600 x 1200 color pixels
- ▲ Can take and display up to 10 images per second
- ▲ Detail viewing of critical areas like registration marks, 2d barcodes, picture areas, etc. down to dot level
- ▲ Camera for detail viewing is motorized and can be easily navigated with respect to the master image
- ▲ No print mark sensor or gear sensor required for synchronization
- ▲ Can be combined with all options available for **TubeScan digital strobe** such as fine print inspection, PDF reporting, dynamic roll map, etc.
- ▲ Small foot print, only requires 125mm (5") in web direction (compatible to all TubeScan products)
- ▲ Available for web width 330 mm (13"), 430 mm (17") and 550 mm (22")
- ▲ Maximum speed 250m/min (820 ft/min)

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Model overview

	TubeScan <i>eagle view+</i>	TubeScan <i>eagle view++</i>
web width	330 mm / 430 mm / 550 mm (13" / 17" / 22")	
print inspection	counting + completeness	fine
digital strobe for web viewing	✓	
detail viewing (motorized) field of view image rate	resolution < 30 µm 35 mm x 25 mm (1.4" x 1"), 1600px x 1200 px up to 10 pictures per second	
automatic image synchronization	✓	
maximum lateral web movement	± 12 mm (± 0.5")	
software options	PDF report dynamic roll map job setup	
touch monitor	✓	
HD monitor	✓	
maximum speed	250 m/min. (820 ft/min)	
dimensions	(WxDxH) 410 / 510 / 760 mm x 125 mm x 305 mm (16.1 / 20.1 / 30" x 4.9" x 12.0")	
operating temperature	0° – +35°C (+32° – +95°F)	
supply voltage	100 V - 240 V, 50 - 60 Hz	
I _{max} digital outputs	150 mA	
encoder with layon wheel	RS422 channel A+B	
binary inputs/outputs 24V	3/4	



Technology:

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