View**AX**I**S** Mega
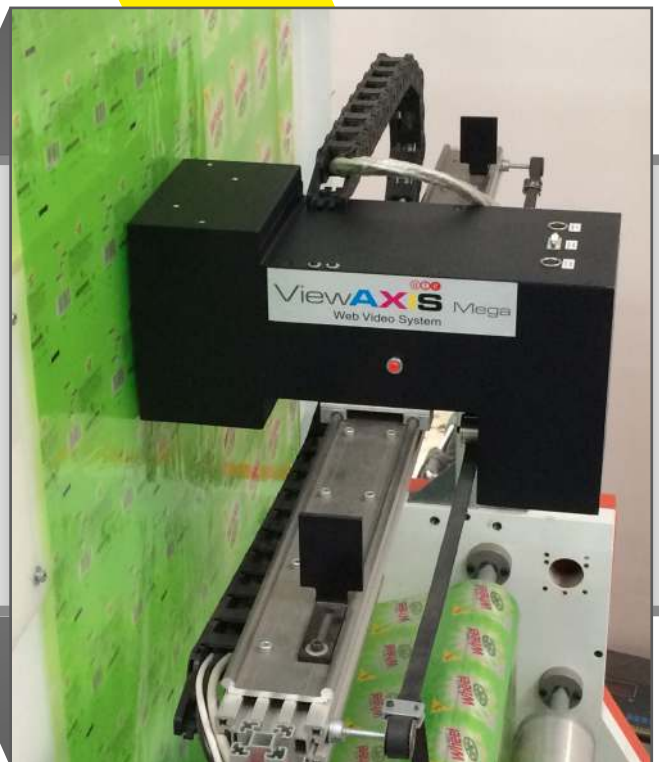
Reduce wastage of expensive raw materials
Improve productivity
Enhance print quality
Quickly integrate due to modular design

During a print production run, the print web moves at high speeds (up to 400 metres per minute or more). At such speeds, it is impossible to reliably check the print web for defects only with the unaided eye. Consequently, print errors and defects are usually found only after the print run is completed, which leads to the wastage of the entire batch of expensive printed material.

A.T.E.'s ViewAXIS Mega enables the machine operator to view a stationary image of the web even at high web speeds. Its innovative magnification feature helps operators minutely examine the print web for errors and defects. Once a defect is identified, rapid corrective action can be taken. The ViewAXIS Mega aids in reducing wastage of expensive raw material and ensuring consistent print quality.

FUNCTIONS

- Image control including:
  - Image rotation
  - Horizontal and vertical flip
  - Split screen
- Repeat scan mode and selection of critical areas
- Automatic scanning of critical areas
- 4 precise memory positions with optical zoom factor for easy and quick access
- Image storage with respective job
- Dynamic iris control
- Live storage and recall

Common defects identified using ViewAXIS Mega:

Registration	Perforation	Smearing
Streaks	Bleeding	Missing print
Voids	Drags and holes	

Features and benefits

Precise and efficient web monitoring

- High resolution digital images of print web; various image manipulation options to spot defects quickly

- Area scan with matrix CMOS camera with digital zoom facility to closely examine print web

- Motorised traverse for smooth camera travel

- Automatic constant scan mode

Minute error identification

- Magnification and brightness control function for better image viewing aids in quick defect detection

- Split screen function for cross marks comparison on both edges

Image control

- Image rotation option and horizontal/vertical flip options

- Full touch screen monitor with true colour display

Next generation system

- Single monitor concept

- Online diagnostics and support

Low power consumption

- Bright white light LED strobe with variable flash intensity

Quick recall of critical positions

- 4 memory positions for easy and quick access
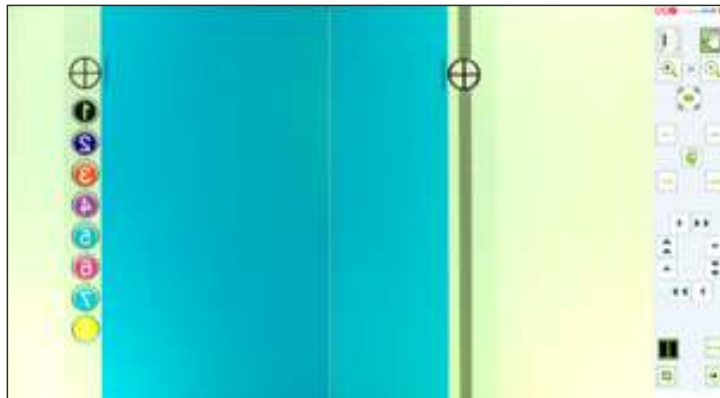
Adaptable to different types of material

- System can be used for any type of roll to roll printing applications and for various packaging substrates.

Dynamic iris control

- Controls the light falling on camera sensor and improves image quality for different print materials

Easy to operate

- Interactive icon-based GUI

ViewAXIS Mega split screen feature

ViewAXIS Mega – home screen

Technical specifications

Model	ViewAXIS Mega
Number of memory positions	4
Monitor	22" full HD, LED backlit, touch screen
Camera resolution	1920 x 1200 pixels
Viewing area	128 mm (w) * 96 mm (h)
Camera unit	Matrix CMOS
Flash unit	LED strobe
Area magnification	8x digital zoom
Print speed	Maximum 1000 m/min
Power supply	230 V AC, 50 Hz