

Example image capture of region of interest against tissue foil.

ECS EDGE INSPECTION

WHY?
Edge crack issues are costly downtime events for all grades of paper manufacturing. Edge cracks can cause paper breaks on the paper machines.

Worse, edge cracks that do not break the sheet at the paper machine can cause downtime on more value-add downstream converting operations.

EXISTING SOLUTIONS
Current solutions are costly as they require extensive installation requirements and may require the addition of mechanical hardware to allow the edge crack sensor to follow the cross direction (CD) movement of the sheet. Other edge crack detection systems may require the installation of a full cross direction beam of cameras (WIS – web inspection system). Both of these options involve a wide range of project management requirements and a high long-term cost of ownership. Neither option presents a rapid deployment of edge detection technology.



IP67 camera with M12 ethernet and power connections

EDGE INSPECTION MADE EASY

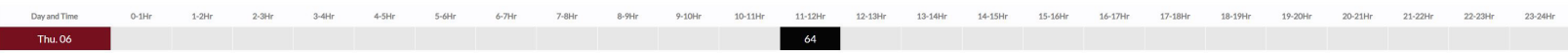
Utilizes pin hole lens cleaning technology

- Smart Camera Solution where all image acquisition and processing is done onboard the camera
- No moving parts with camera-based, real-time edge tracking
- Web Based Operator Interface – any computer can access the data and host the playback experience
- Wi-Fi Capable to eliminate costly cable runs from camera to operator interface location
- **Auto Suspend Image Processing logic** to eliminate need for any connection to the sheet break system
- One-sided image acquisition (does not require a jaw design or any exposed sheet)
- Ideal for Tissue Installations where there is no exposed sheet
 - System can run against a foil

EVENTS HISTORY

◀ April 29, 2021 to May 06, 2021 ▶

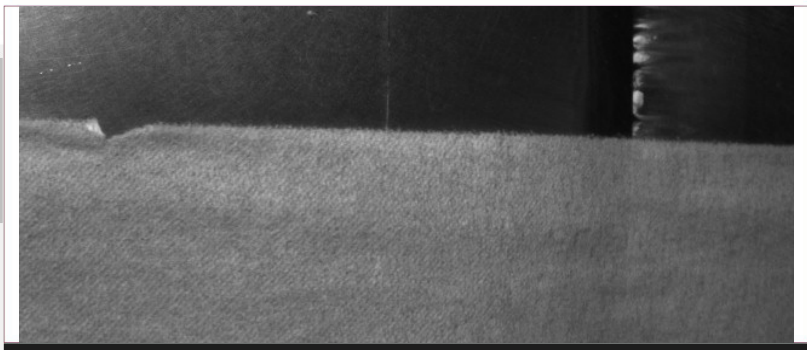
Highlight Defects



May 06, 2021 11-12 Hr

May 06, 2021 11:34:01:651 AM Defect

#	Type	Time	Actions
1.	Defect	May 06, 2021 11:34:33:451 AM	📄 🗑️
2.	Defect	May 06, 2021 11:34:07:750 AM	📄 🗑️
3.	Defect	May 06, 2021 11:34:01:752 AM	📄 🗑️
4.	Defect	May 06, 2021 11:34:01:651 AM	📄 🗑️
5.	EdgeFound	May 06, 2021 11:32:56:215 AM	📄 🗑️
6.	Defect	May 06, 2021 11:31:55:908 AM	📄 🗑️
7.	Defect	May 06, 2021 11:31:15:604 AM	📄 🗑️
8.	Defect	May 06, 2021 11:30:58:705 AM	📄 🗑️
9.	Defect	May 06, 2021 11:30:58:606 AM	📄 🗑️
10.	Defect	May 06, 2021 11:30:58:508 AM	📄 🗑️
11.	Defect	May 06, 2021 11:30:58:407 AM	📄 🗑️
12.	Defect	May 06, 2021 11:30:58:309 AM	📄 🗑️
13.	Defect	May 06, 2021 11:30:58:207 AM	📄 🗑️



#	Color	Defects Length
1	■	0.08 inch

