

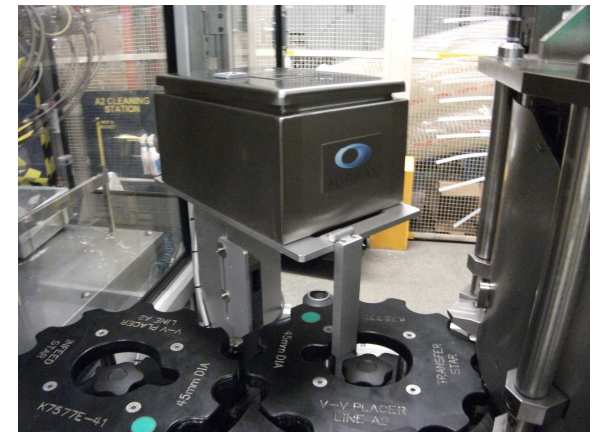
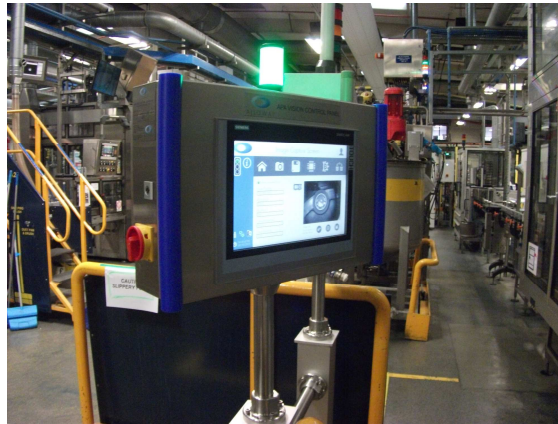
Alloway UK

APA Vision System



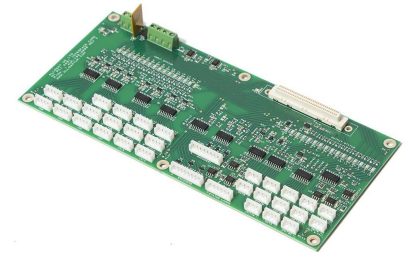
Contents

- Alloway - About Us
- APA Vision - System Overview
- APA Vision - HMI
- APA Vision - Inspection
- APA Vision - Data logging
- APA Vision - Fill Head Tracking
- Features and Benefits



Alloway – About Us

- Company Formed in 2005.
- Based In Central Scotland.
- Serving customers across the world.



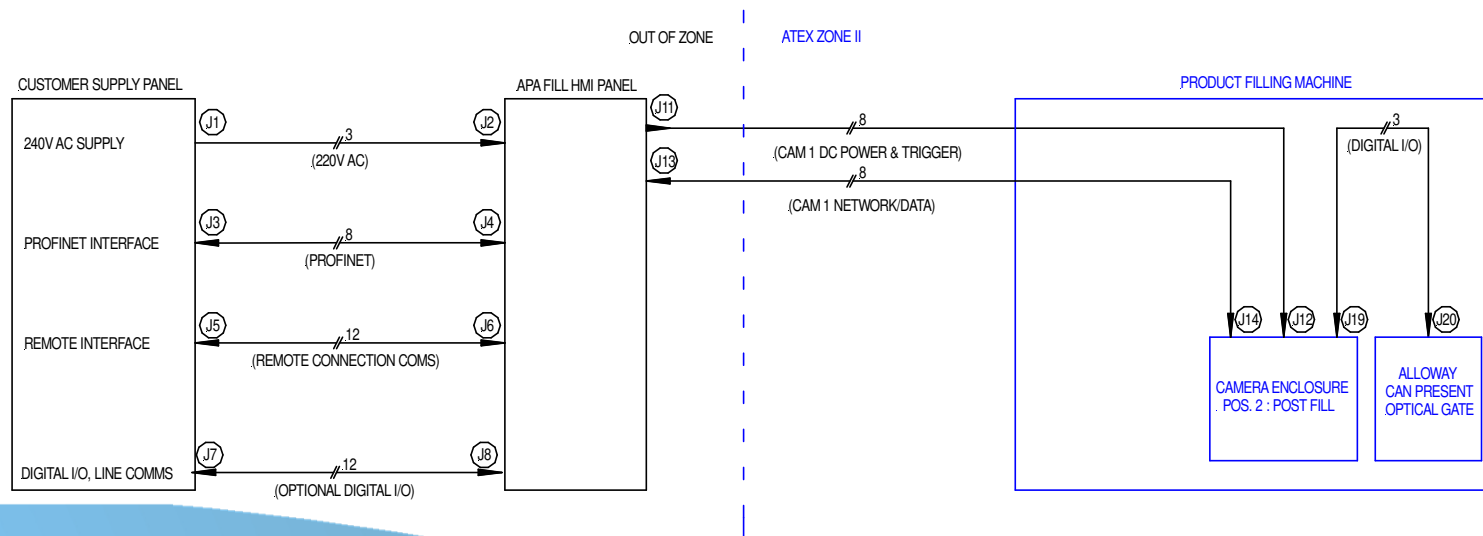
- Alloway specialise in customised production line equipment and product design.
- Expertise in Electrical/Electronic Design, Mechanical Design & Software Development.

For more information on Alloway please visit
Allowayuk.com



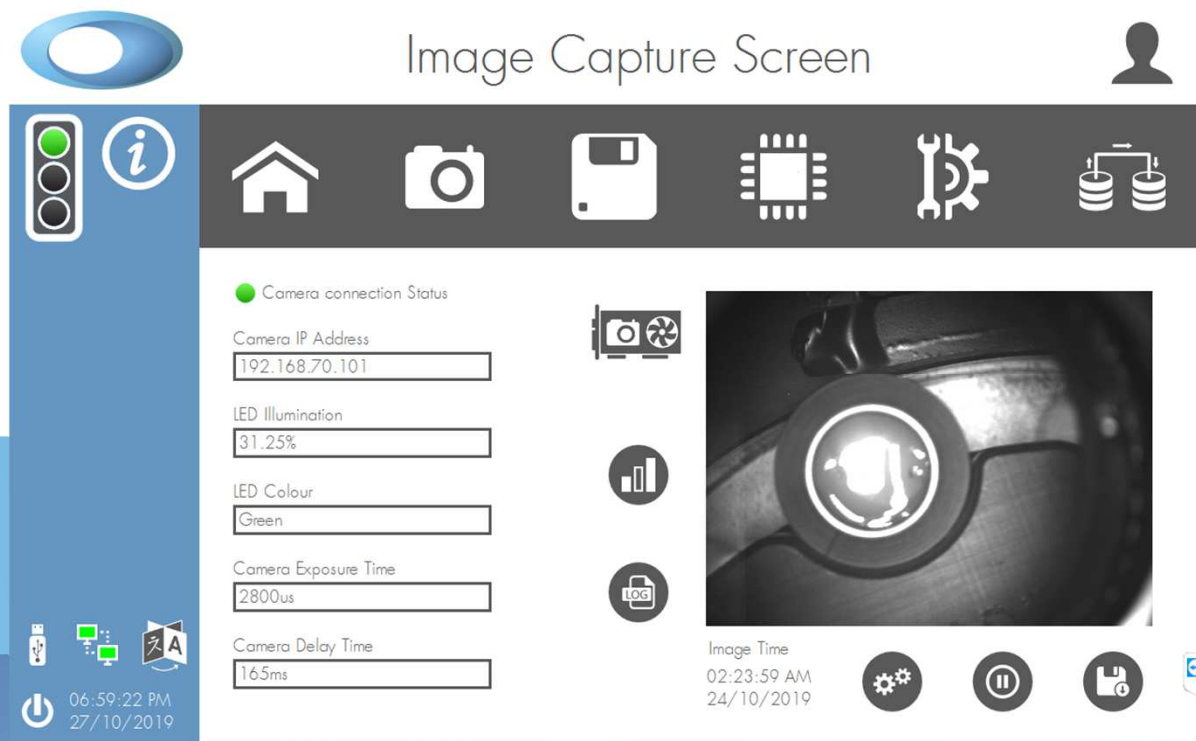
APA Vision System – Overview

- The diagram below shows the overview of the Alloway APA Vision System



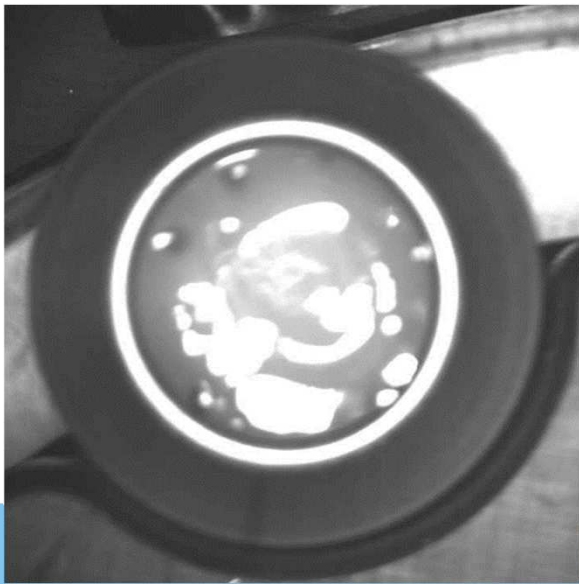
APA Vision System – HMI

- The APA Vision system uses an intuitive touchscreen HMI allowing the user to access all the relevant system information and images

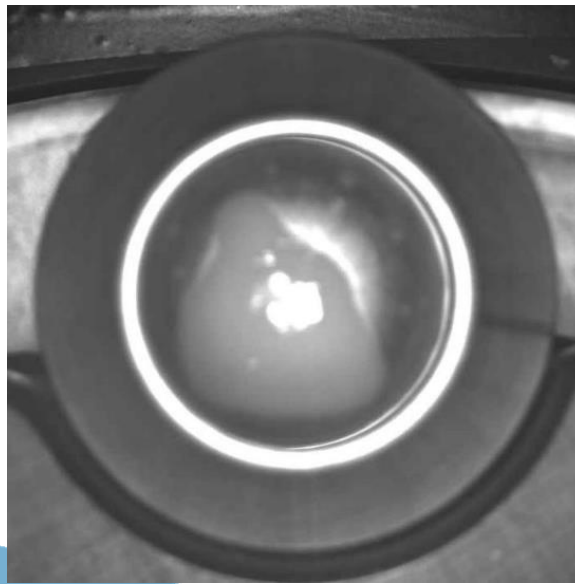


APA Vision System – Inspection

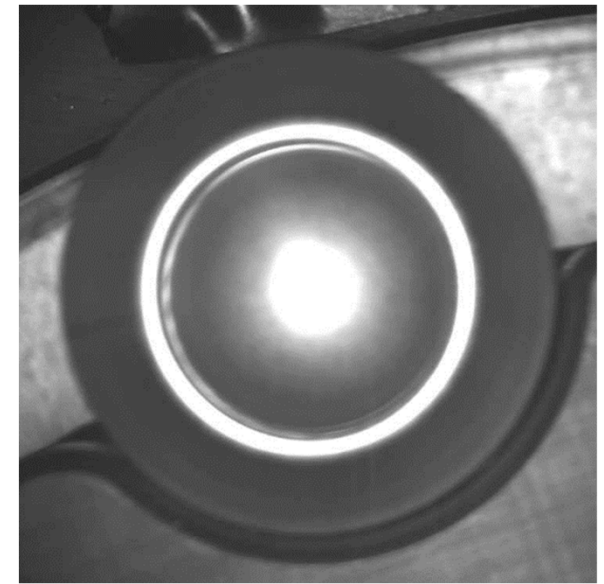
- The APA Vision System can detect low fills and no fills at rates of up to 500 units per minute



Good Fill



Low Fill



No Fill



ALLOWAY

APA Vision System – Data Logging

- All of the relevant data and images are recorded allowing the user to review previously rejected cans

Reject Log Screen

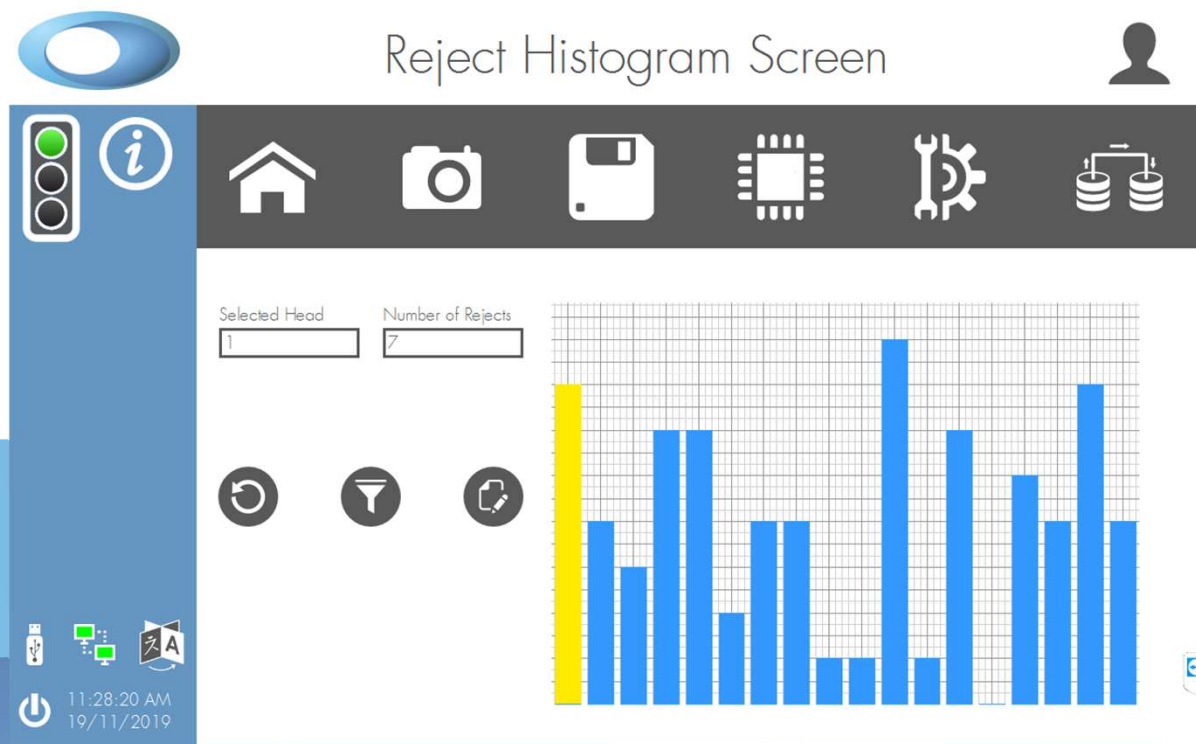
Time	Can ID	Fill Head
24/01/2020 15:23:04	15797727	3
24/01/2020 15:23:04	15797726	2
24/01/2020 15:23:00	15797716	10
24/01/2020 15:22:59	15797711	6
24/01/2020 15:22:58	15797709	4
24/01/2020 15:22:51	15797673	3
24/01/2020 15:22:50	15797672	2
24/01/2020 15:22:45	15797646	13
24/01/2020 14:49:30	15792681	15
24/01/2020 10:14:32	15766588	14
24/01/2020 02:54:06	15692753	4
24/01/2020 02:54:06	15692752	3
24/01/2020 00:24:48	15678471	12
23/01/2020 23:20:04	15666351	6

Can_0015766588_Can_0_Head_14_20200124_101432.jpg

03:14:57 PM
04/06/2020

APA Vision System – Fill Head Tracking

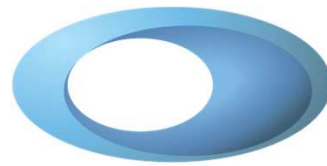
- By tracking the fill heads the APA Vision system can identify problems with specific fill heads allowing preventative maintenance which reduces loss and down time



APA Vision System – Features and Benefits

- Datalogging on HMI.
- No hardware changes required for product changeover.
- Digital I/O interfaces to the production line (From system PLC).
- Web interface allows user to remotely view system from anywhere.
- The intuitive HMI produces downloadable reports.
- Remote connection.
- Reduces waste.
- No moving parts.
- Easy to install.
- Can be applied to different industries.
- Works with any can size, internal lacquer colour or product fill colour





ALLOWAY

THANK YOU



ALLOWAY