

# Container code recognition camera system

**FXCAM d103 ACCR camera  
with additional SMD LED illuminators**



It is a critical issue to provide an automatic container code recognition system images in appropriate quality level.

ARH's ultra low lux B&W cameras provide high resolution and high intensity for day or night images.

To provide optimal conditions for taking an image, white light LED illuminator(s) device is used with the FXCAM container camera system. The two special illuminators are built up of SMD LEDs and works as a flash.

Therefore the power consumption is only about 10W while the light emission is 2000W. When the light flashes the camera takes an image of the passing container's code, which will be transmitted through analogue video.

The FXCAM container camera system is an all in one unit including a camera, auto iris optic and the synchronizer of the 2000 Watts light flash illuminator(s) special designed and optimized for the identification applications.

The effective range of the equipment is from 1.5 meters up to 3.5 meters, but it may vary depending on the environment (weather, sunlight, fog, etc.) conditions and the quality of the container code.

## **The FXCAM container camera system includes the following components:**

- High resolution B&W ANPR camera
- Synchronizer unit for the special SMD LED illuminator(s)
- High quality lens
- Weatherproof housing
- Wall mount bracket
- Internal heating with thermostat