

CONTAINER HANDLING



Falcon-IQ Belgium
E.T.A. bvba
Satenrozen 24 B
2550 Kontich
Belgium

Tel: +32 3 237 20 55
Fax: +32 3 237 21 84
E-mail: info@falconiq.be

www.falconiq.be

AGENT:

CONTAINER HANDLING



Danger zone

VIBRATING ALERT BRACELET

AUDIO ALERT AND DISPLAY

CAMERA

SAFETY & EFFICIENCY

MONITOR

INTELLIGENCE

DATA RECORDING AND CONTROL SYSTEMS

Falcon-IQ provides high-end quality products, services as well as engineering works with, if required, turnkey project solutions.

Our aim is to constantly upgrade our products and develop new innovative systems. Therefore we re-invest a significant part of our turnover in Research and Development.

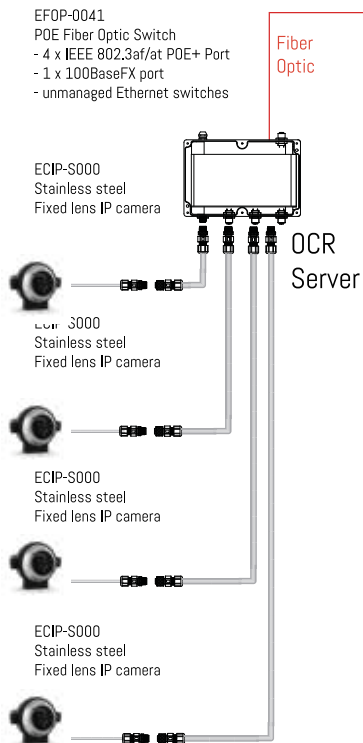
CAMERA SYSTEMS FOR CLEAR VISION

In general Port applications require high quality camera systems, which can withstand the harsh environment. In the ports, camera systems can be used to increase safety and efficiency but can also be implemented for remote control, automated cranes and for optical container recognition.

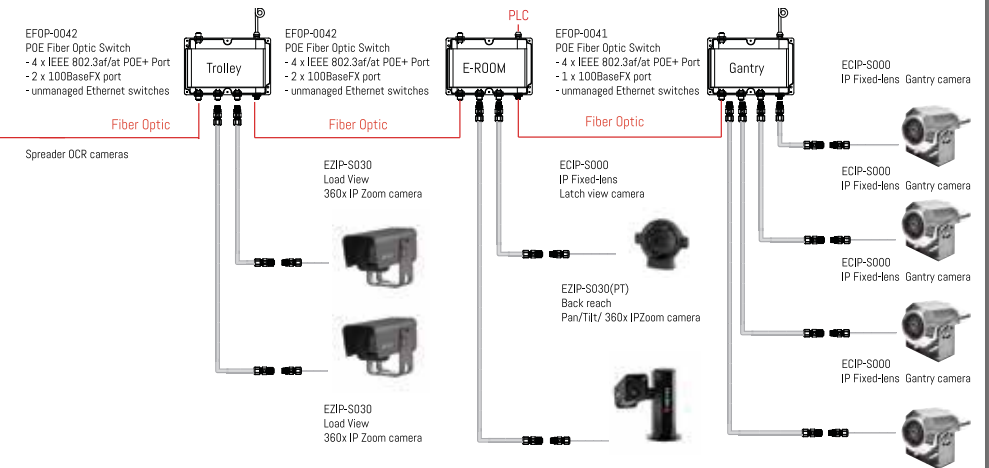
For these applications, analogue and digital technology can be implemented. Analogue cameras provide a real time image and are often used to help the operator. IP (digital) cameras are used in more sophisticated systems where data and/or images have to be transferred or used for analyses, remote or automated operations.

Falcon-IQ developed a full range of high quality and rugged analogue and digital cameras for these applications. Anodized aluminium and stainless steel Pan & Tilt zoom-cameras, Zoom-cameras, Fixed angle compact cameras and Monitors with a standard specification of: IP69, operating temperatures between minus 40 to plus 85 °C and 50G shock resistance. For specific applications in spreaders there is also a 80G version available.

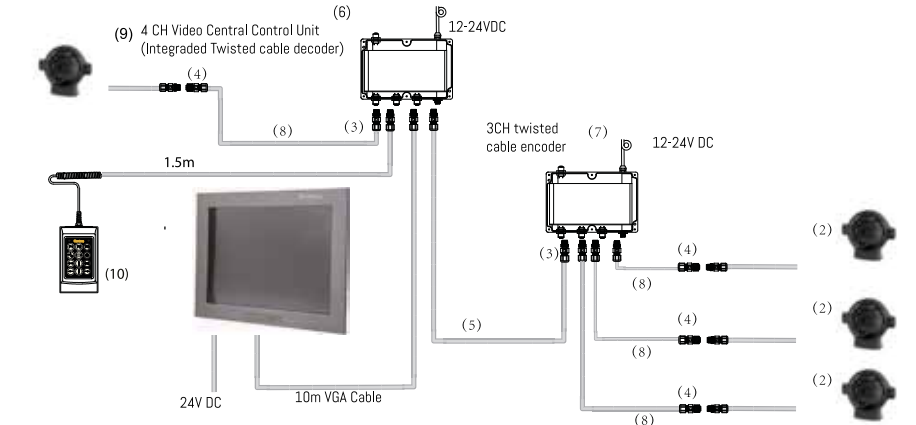
Falcon-IQ has developed standard analogue and IP based vision & safety systems for straddle carriers, reach-stackers, empty handlers, RTG/RMG's and STS cranes. If you have a special request for a custom build system, then feel free to contact us. Our specialists will be more than happy to work together with you to find or develop a suitable solution.



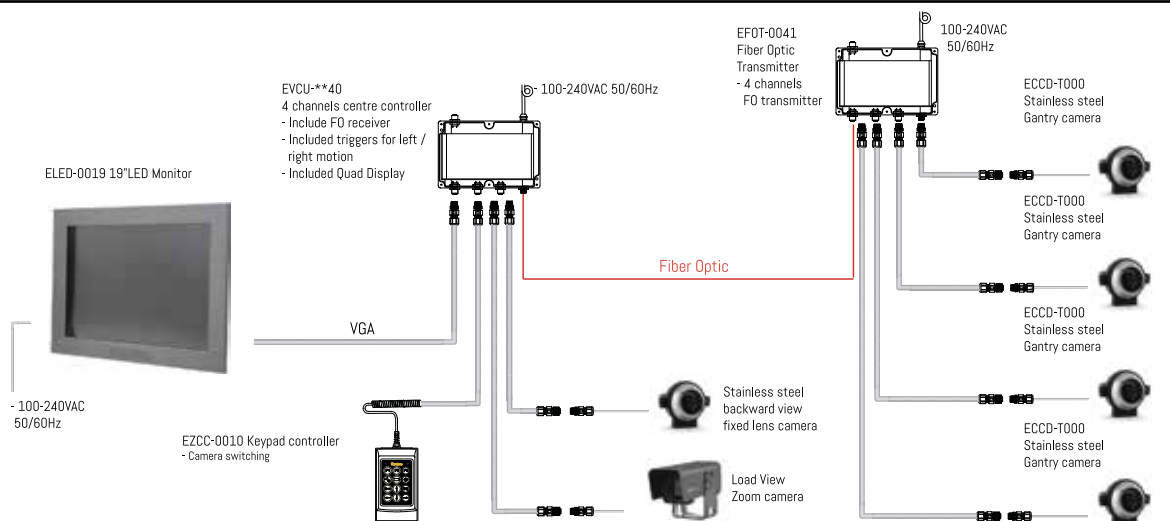
REMOTE STS



REACH STACKER



RTG



COMPACT FIXED LENS CAMERA

Stainless steel - anodized aluminum
Light sensitivity < 0,001 Lux
IP 69K
Internal protection 14 Bar
overpressure dry nitrogen filled

High strength tempered glass
12 Volt DC - 24 Watt
Angles 115-102-78-54-32-17 degree
Temperature -40 to +75 °C
Shock 30G - 50 G - 80G



ZOOM CAMERA

Zoom ratio 216 x zoom with Wide
Dynamic Range
IP 69K, internal protection: 14 bar
dry nitrogen filled
High strength tempered lens glass

Operating temperature -40 to +80 °C
Functions: Auto self-heating,
brightness, 0-lux mode
Stabilized 12-24V/DC, 3.6 - 7.2 Watt



LED MONITORS : 7" TO 19"

Industrial 7" LED monitor, TFT 800x
600 pixels, LED backlight
Protection IP54
Vibration test 9,8 G RMS, Mechanical

shock test 80G
Input 4 cameras quad/triple/split
screen display
12-36 V/DC, 4,5 Watt



IP CAMERA

IP 69K
Stainless steel and anodised
aluminum
Mechanical shock 50G and 80G
Angles: from 17° to 115°

H.264 support dual stream
Network interface 1* RJ 10/100 M
14 bar overpressure dry nitrogen
Temperature -40 to +85 °C



IP PAN & TILT ZOOM CAMERA

IP69K, Zoom ratio 216 x
View angle 48 degree wide 2,8
degree (tele end)
Minimum focus distance 35 mm
wide, 800 mm (tele end)

14 bar overpressure dry nitrogen
Auto self heating below 0 °C
Temperature -40 to + 85 °C
Pan angle 350 degree
Tilt angle 180 degree



IP ZOOM CAMERA

Zoom ratio 216 x zoom with Wide
Dynamic Range
IP 69K, internal protection: 14 bar
dry nitrogen filled

Operating temperature -40 to +80 °C
Functions: Auto self-heating,
brightness, 0-lux mode
Stabilized 12-24V/DC, 3,6 - 7,2 Watt

"Let's date & configurate"
"Let's customize & realise"