

All-in-one system for recognition of container identification marks

Container Camera ACCR Guardian 704 ILB



- Reliable recognition of ILU-BIC codes on containers.
- Automatic blanking of shadows that may overlap the container ID.
- Automatic blanking of advertising banners, labels or other symbols attached to the container so that only the container code is captured.
- Algorithm for code recognition despite weathering, snow, rust or deformation.

The weatherproof system GUARDIAN 704 ILB automatically and reliably recognizes the identification numbers printed on standing containers (ILU-BIC) and reports them to the Video Management Software G-Core. The integrated recognition software is able to recognise horizontal signs on the top of the container as well as on the front and back, even in difficult lighting conditions and with heavy soiling.

Ideal for controlling goods movements of containers in ports, airports, and freight yards.

Technical Data

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| Mega pixel | 2 MP - Full HD 1080p |
| Image sensor | Progressive CMOS / Global Shutter |
| Lens | manual 5-55mm varifocal IR |
| Lens mounting | CS-mount |
| Image format | Mpeg4 and/or Jpeg |
| Framerate | 60 fps |
| Set of recognized | ILU-BIC / onboard reading |
| OCR quality and performance | Min. 20 pixel (high) to accurately recognize an character |
| Reading area | Front and rear (vertical and horizontal), above (horizontal); non-reflective surfaces |
| IR-LEDs and sensor / visible range | IR-LEDs (14 Stk.); High-Power (EN62471 safety); 20 m max. |
| Automatic Power adjustment | Pulsed lighting adapting the power to the reflection and light conditions of the environment. |
| Exposure modes and lighting | At each step the vehicle is subjected to more flash with different light intensity values (multi-exposure mode) |
| Optimal lighting distance in relation to reading accuracy | 10 m |
| Interface | 10/100 Mbps Ethernet RJ45 |
| OSD-Menu | English/German/French/Italian |
| Protocols | TCP/IP, UDP, HHTP, RTSP, DHCP, PTZ (Pelco, Samsung, Sony, Panasonic) |
| Access levels | Multiple user access levels with password protection |
| Browser | Internet Explorer 11 and higher, Chrome, Firefox, Safari |
| ONVIF compatible | Yes; Profile S, G, Q |
| In/Output | 2 / 1 |
| Audio | 1x Input for microphone / 1 Output 250mW preamp, G723, G711 |
| Picture Memory | Solid state CF card with expansion up to 32 GB |
| Operating temperature | -25° C - +50° C |
| Voltage supply | 230VAC / 24 VDC |
| Connections | 3 Cable Gland |
| Power consumption | 15 Watt max. |
| Dimensions in mm (W x H x D) | 165 x 122 x 470 |
| Weight | 4,5 kg |
| Housing material | Cast aluminum and polyester powder coated, Sunshield: Polycarbonat |
| Housing Color | near RAL 9018 |
| IP class / vandalism proof | IP 66 |
| Certifications | CE, RoHS |
| Plugin | Selea |
| Scope of delivery | Wall mount adapter, Wiegand interface for integration within access control systems |
| Application area | Port facilities, Airports and Freight Yards |
| Brand | Global Proof |
| Available from | G-Core 4.1 |
| Order No. | 5.25740 |