

Watch out!

Virtual sign projection system

Safety signs cast in LED light onto the floor, a wall or a door. They appear exactly when a forklift approaches, a door opens or a machine runs.

PROJECTOR SIZES

PARAMETER	WATCH OUT! S	WATCH OUT! M	WATCH OUT! L	WATCH OUT! XL
LED power	50–60 W	80–100 W	150 W	200–300 W
Projection distance	up to approx. 6 m	6–9 m	9–11 m	over 11 m, outdoor yard
Ingress protection	IP67	IP67	IP67	IP65
Power supply	230 V AC	230 V AC	230 V AC	230 V AC

SIGN SIZE

Sign diameter = mounting height × lens ratio. Values in metres, for a projector mounted perpendicular above the marked surface.

LENS	3 M	4 M	5 M	6 M	8 M	10 M	12 M
1:0.3	0.9	1.2	1.5	1.8	2.4	3	3.6
1:0.36	1.1	1.4	1.8	2.2	2.9	3.6	4.3
1:0.5	1.5	2	2.5	3	4	5	6
1:1	3	4	5	6	8	10	12

PROJECTOR

Light source	High-power LED
Image carrier	Gobo — interchangeable graphic
Number of graphics	1 (fixed sign) or up to 7 in cyclic rotation
Colours	Any sign or logo, any number of colours
Adjustment	Focus, frame rotation, bracket angle
Projection direction	Floor, wall, door, vertical surface
Local control	Remote — graphic selection and order
Housing	Aluminium, passive heatsink, bracket included
Mounting	Ceiling, wall, column or racking structure

Power and lens are selected from a light-level measurement taken at the mounting point.

FELIXCOM CONTROLLER

Design	Felixcom's own control module
Signal inputs	Radar sensors, LiDARs, reed switches, presence sensors
Infrastructure signals	Door and dock automation, line and lift PLCs, fire alarm, access control
Outputs	Projector control, light and sound signalling
Connectivity	The plant's Wi-Fi or LAN, or a dedicated Felixcom radio link
Panel	Web-based, local — no cloud, no data leaving the site
Higher-level systems	BMS and WMS over network protocols

OPERATING MODES

Continuous

The sign is displayed throughout the shift.

Switched

The sign changes content with the situation.

Rotation

Up to 7 messages from one projector.

Remote

Switching zones on and over from the web panel.

Triggered

The sign appears only when there is a hazard.

Flashing

Flashing at the most dangerous moments.

Schedule

Shutdown outside the plant's working hours.

SYSTEM CONFIGURATIONS

I • Fixed sign

A single projector running continuously, no control system.

II • Sign rotation

One projector, up to 7 graphics in a cycle, order changed by remote.

III • Virtual zebra crossing

Two projectors with a controller and sensors; crossing ↔ no crossing.

IV • Controlled zone

Any number of projectors and sensors, integrated with the plant's infrastructure.

OPERATIONAL SAFETY

The warning function runs in the controller, on the sensor signal, independently of the network. A failure of the network, the server or the panel does not switch the protection off. The remote layer handles only supervision, schedules and switching the system off outside working hours.

COMPLIANCE AND SCOPE

- Pictograms compliant with PN-EN ISO 7010, your own messages, arrows, bay numbers, company logo.
- The projection supplements the markings required by regulations; it does not replace them.
- Power and lens are selected from a light-level measurement taken at the mounting point.
- Design, gobo production, electrical installation, commissioning and service from Felixcom.

Book a free site survey with a live projection demo

We come with a projector and check how the sign reads in your conditions — on your floor and in your lighting.

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