



youCme Forklift & AGV Warning Signs

Hazard Alert Systems for Workplace Safety

Over 45% of forklift related injuries are pedestrians struck by forklift.

(Report MUARC030 Monash University Accident Research Centre)

Forklift trucks and Automatic Guided Vehicles (AGV's) are an ever present hazard to pedestrians in many workplaces. The CellTec youCme LED information and warning sign has been designed to inform and warn pedestrians of either forklift trucks or AGV's operating in the area.

Benefits of the youCme:

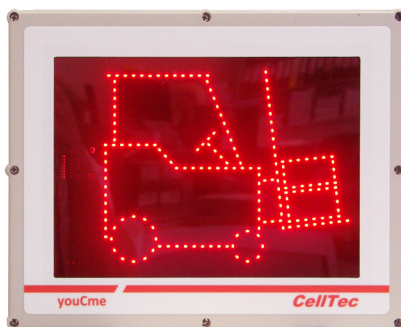
- High intensity LEDs.
- Extremely wide viewing angles, ensure the warning can be seen from most places.
- Microprocessor control allows for a variety of flash sequences and reduced energy consumption.
- It sets new standards in quality.

1 question frequently arises “Why an icon sign rather than a flashing beacon?”

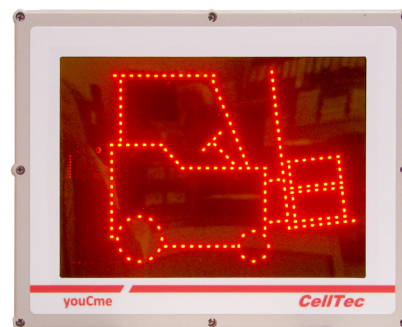
A simple beacon does not necessarily have any specific meaning. With the abundance of warning lights present in many places of work, it is often difficult to distinguish what danger the beacon represents, especially for new employees and visitors. The youCme LED icon is instantly recognizable and alerts the person as to what the hazard is, regardless of experience.

As the demands for safety grows, one of the priorities is for systems and devices which do not require operator training and can be universally understood. We believe our system addresses these priorities in a positive and proactive method.

2 LED light colour options:



RED



AMBER

3 methods of flashing sequence activation:

- > Constantly flashing
- > Activated via a photoelectric sensor (kit available)
- > Activated via forklift truck mounted RF transmitter



Transmitter:
with -21db (0db max)
transmission power
in heavy duty die
cast enclosure.

Flashing rates and brightness of the sign can be varied along with some animation of the sign.

Product Specifications

| | |
|-----------------|---|
| Supply Voltage: | 10-30VDC @ 12W maximum |
| Dimensions: | 340 * 270 * 63mm (W*H*D) |
| Viewing Angle: | 160° |
| Protection: | IP65 |
| Colour: | RED or AMBER |
| Connection: | M8, 3 pole, Male connector (2M Connection cable included) |
| Optional: | 12VDC 15W plug-pack with M8 Female socket available |
| Mounting: | Supplied with mounting feet |

RF Version:

| | |
|----------------------|--|
| Operating frequency: | 433MHz Band |
| License Type: | ISM |
| Range: | 50-100 Metres depending on power settings (factory set) and environment. Factory default setting is 50M line of sight (clear from obstructions). This can be reduced by factors such as walls, fences, pallet racking/storage shelving, other transmitting devices, etc. These can result in blocking, absorption and reflections of signals, which can influence the system performance. |
| System Addressing: | 16 different addresses are user selectable via 16 way selector switch. Setting to different addresses ensures separate sites do not interfere with each other. This is important especially if long range is selected and/or two or more systems are in close proximity. Optional: up to 256 addresses are available by factory programming. |
| Off Delay: | 1.5 – 35 Seconds (Factory default 30 Seconds) |

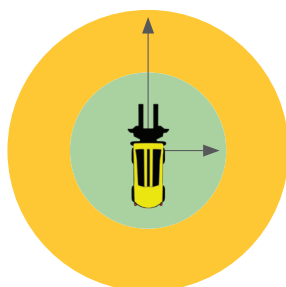
IO Version:

| | |
|--------------------------------|---|
| Auxiliary input sensor supply: | Same as Sign supply |
| Input polarity: | PNP |
| Sensor connection: | M12 Female (Cable is not included) |
| Off Delay: | 1.5 – 35 Seconds (Factory default 30 Seconds) |
| Auxiliary Output: | Voltage free relay contact Max 2A at 240VDC. |
| Auxiliary Output Connection: | M12 Male (Cable is not included) |

Transmitter:

| | |
|---------------------|--|
| Supply voltage: | 10-50VDC @ 500mW maximum |
| Transmission Power: | -21db Factory default (0db maximum upon request) |
| Connection: | M8 3 pole male. (Matching 2M cable and connector included) |
| Enclosure: | Die cast Aluminium 61x71x48mm (WxLxD) |

Range



- 50m - factory default range
- 100m - max setting range

Hand Railing

Ensure pedestrian safety in areas of forklift use with easy to assemble modular hand railing.

Hand Railing can be used in the guarding of low risk areas.



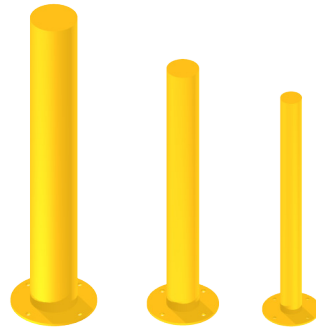
Forklift Barriers

Impact protection barriers are ideal in minimising damage caused to machinery and equipment by forklifts and other mobile plant. Saving time and money on repairs.



Bollards

Bollards are suited for both domestic and commercial applications, providing protection for property and personnel against vehicle impacts and collisions.



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