



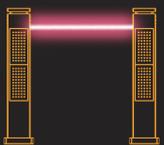
Pedestrian Crossing

LED WARNING POST LIGHT

Infrared detection

Voice prompts

Screen display



Infrared sensor



Voice prompts



Red and green
light strip



Outdoor waterproof



Display shows



Voice and text
support
customization

Pedestrian Crossing Led Warning Post Light

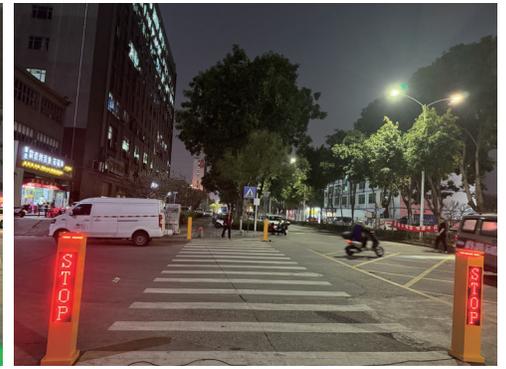
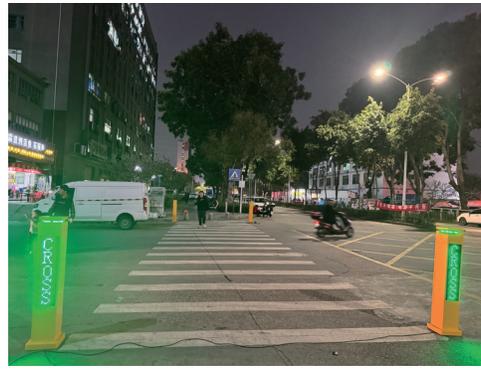
With the accelerating pace of modern society and the prevalence of smartphones as an indispensable part of people's lives, more pedestrians are walking while using their phones, posing significant safety hazards. This is particularly evident when crossing intersections, where it's easier to cause traffic accidents. In order to enhance safety when crossing intersections, our company has developed pedestrian warning pillars. These pillars utilize voice and screen displays to remind pedestrians not to run red lights, thereby reducing the occurrence of accidents.

Function Realize:

By installing the infrared emitter and receiver respectively on the warning post and aligning them with each other, the emitter emits infrared beams while the receiver receives these beams. When a pedestrian enters the beam path between the emitter and receiver, it obstructs or scatters some of the beams. As a result, the receiver cannot receive the infrared light, thus triggering an output indicating pedestrian violation of the red light, thereby controlling the warning sound broadcast.

Description:

1. Pedestrian warning bollards use infrared sensing to distinguish direction. When pedestrians trigger the sensor from the front, it is determined as jaywalking, and no action is outputted if pedestrians trigger the infrared sensor from the opposite direction. This design is suitable for installation on both sides of pedestrian crosswalks.
2. Display screen and Warning voice messages can be customized
3. The detection signal adopts optical isolation, suitable for different types of traffic signal controllers, isolating interference to the core components of the traffic signal controller.
4. The shell undergoes high-voltage testing in accordance with safety regulations to prevent electric leakage from the shell causing harm to the human body.
5. Instantaneous triggering with no delay output ensures synchronous output of the warning sound.
6. Outputting relay signals can serve as input signals for the control machine detection. When pedestrians approach the warning bollard, the relay is activated, and the traffic controller detects the input signal, thereby outputting control signals to control the traffic lights on and off. (Can serve as a substitute for pedestrian crossing buttons)





NobTra
TRAFFIC LIGHT MANUFACTURER

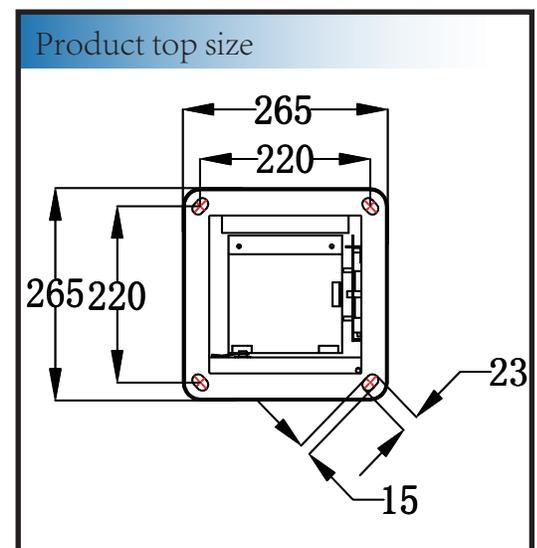
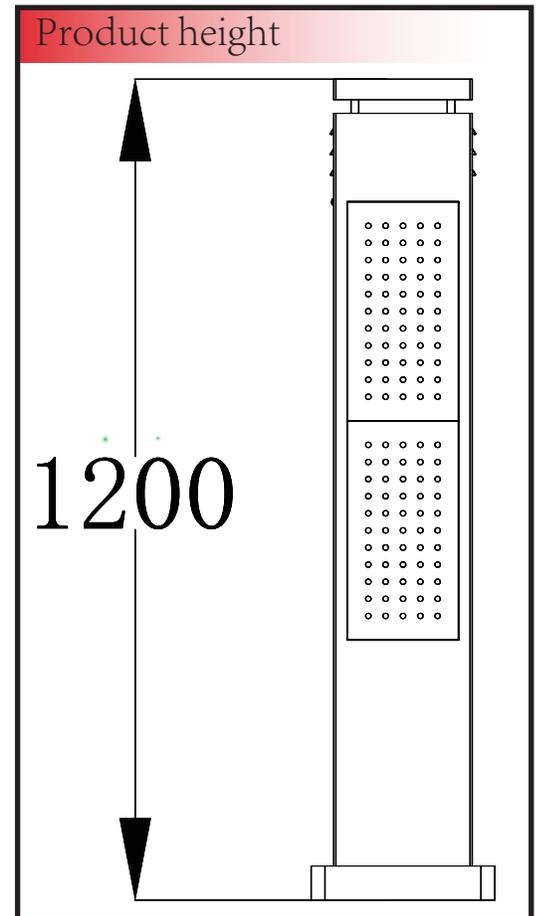
Unlike our competitors, our product utilizes an innovative clip-on modular components system to minimize repair and replacement costs.

LED Warning Post Light Dimensions



SPECIFICATIONS

Working voltage	AC110-220V/DC24V
Power	18W
Working Mode	Synchronized with Pedestrian Signal
Display screen	P10
Warning voice messages	MP3 (Customize are available)
Screen Prompt	Cross/Sotp (Customize are available)
Working Temperature	-30-60°C
Installation Distance	<10M
Visible Distance	>200M
Waterproof	IP55
Dimension	265*265*1200MM
Weight	16KG/PC
Display font color	Red and Green
Shell material	Iron Powder Coating
Warranty	1 year
High-voltage testing	Safety standard 3750V
Shell color	Yellow
Display pixel composition	1R1G
Display module size	320mm* 160mm
Certificate	CE, ISO9001:2015



IP55 CE

RoHS COMPLIANT

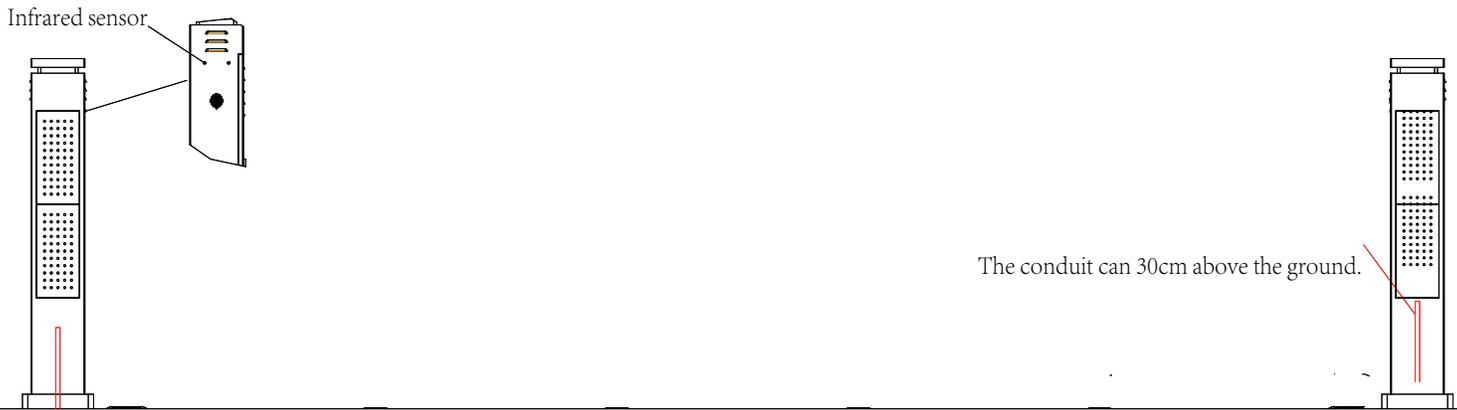
ISO



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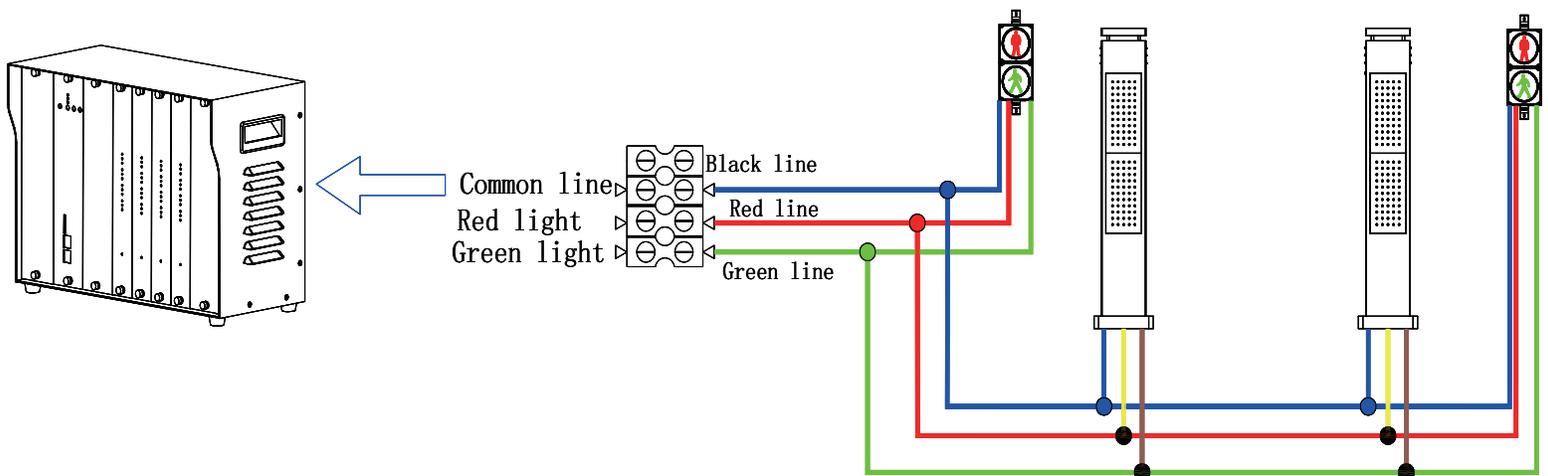
Installation:

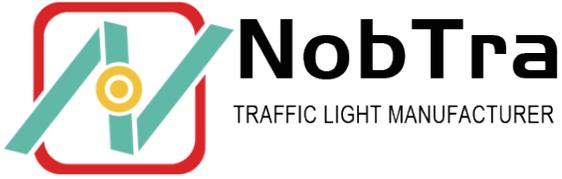
Take out the product and place it in the designated installation position, ensuring that the installation distance is greater than 400mm on both sides of the crosswalk. Connect the product to the infrared sensor of another square warning post and ensure that the alignment function is working properly. Once aligned, secure the product in place using a 14mm drill bit to create expansion screw holes, with a depth of 20 and a width of 20. Install the conduit into the groove. Expansion bolt: M12*70 .PVC pipe: Diameter 16mm.



This end of the conduit is connected to the pedestrian light and wired in parallel with it.

Wiring:





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One-way intersection application renderings:



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