



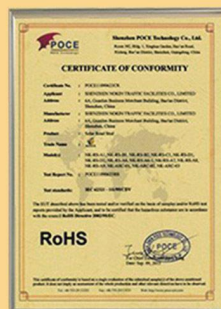
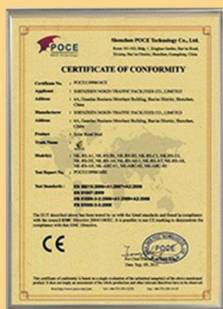
**NOKIN**



**NOKIN GROUP CO., LIMITED**  
**SHEN ZHEN NOKIN TRAFFIC FACILITIES CO., LIMITED**



# Company Introduction



NOKIN TRAFFIC FACILITIES established in 2001, is a medium manufacturer, distributor and exporter with professional R&D team in producing solar traffic safety products widely used on the highway, city road, transportation, including solar road studs, reflective road studs, solar grounding lights, solar traffic signals, and related traffic safety products.

NOKIN TRAFFIC FACILITIES always implement the modern road management system, adhere to the scientific and technological innovation. We put personalization into our products and constantly develop new products with super technology; high luminous efficiency and lower power consumption in solar warning lights series, solar traffic signals series, solar traffic lights series.

All our products are ISO9001, CE certificate, RoHS approved and well received by our domestic clients and abroad clients from Australia, Slovakia, France, UK, Argentina, Romania, Indonesia, Middle East and Africa.

NOKIN TRAFFIC FACILITIES have been devoting themselves to researching, developing and producing solar traffic products with high starting points. We penetrate and anticipate market in the world with innovation spirits.

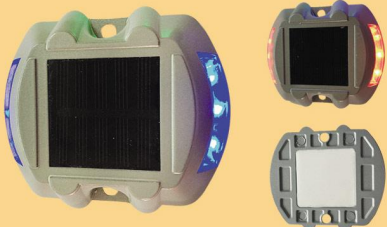
We are willing to cooperate with you and create wonders one after another!



## Solar Road Stud Series



### NK-RS-A1



1. Body material: Hi-pressure Casting Aluminium alloy
2. Power supply: Solar panel(monocrystalline 2.5V/0.25W)
3. Battery: NI-MH; Lithium battery
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >20T
8. Size: L104\*W94\*H20mm

### NK-RS-K1



1. Body material: PC
2. Power supply: Solar panel (Monocrystalline 5V/0.4W)
3. Battery: NI-MH; Lithium battery
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >20T
8. Size: Dia117×23 mm

### NK-RS-D1



1. Body material: Aluminium alloy
2. Power supply: Solar panel(monocrystalline 2.5V/0.25W)
3. Battery: NI-MH; Lithium battery
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >20T
8. Size: L104\*W103\*H22mm

### NK-RS-A6



1. Body material: Aluminium alloy
2. Power supply: Solar panel(monocrystalline 2.5V/0.25W)
3. Battery: NI-MH; Lithium battery; Super capacitor
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >20T
8. Size: L123\*W133\*H22+55mm

### NK-RS-A6-1



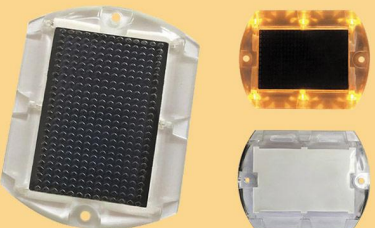
1. Body material: Aluminium alloy
2. Power supply: Solar panel(monocrystalline 2.5V/0.38W)
3. Battery: NI-MH; Lithium battery; Super capacitor
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >30T
8. Size: L125\*W107\*H25+55mm

### NK-RS-A7



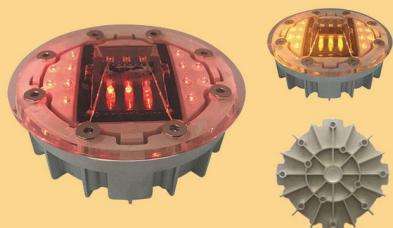
1. Body Material: PC material
2. Power supply: Solar panel(monocrystalline 2.5V/0.2W)
3. Battery: NI-MH
4. LED Color: Red Yellow White Blue Green
5. Waterproof: IP68
6. Load capacity: >20T
7. Visual distance : >1000m
8. Size: Dia112\*56mm

### NK-RS-Q7



1. Body material: PC
2. Power supply: Solar panel(Monocrystalline 2.5V /0.2W)
3. Battery: Lithium battery (3.7V/340MAH)
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >100KN
8. Size: L114\*W90\*H11mm

### NK-RS-X5



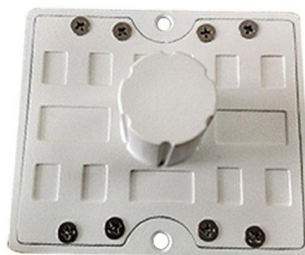
1. Body material: Cast Aluminium
2. Power supply: High efficient solar panel
3. Battery: Lithium battery; Super capacitor
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >40T
8. Size: Dia135\*50mm

### NK-RS-T1



1. Body material: Aluminum+PC
2. Power supply: Monocrystalline solar panel
3. Battery:NI-MH (high temperature resistance)
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >20T
8. Size: L124\*W43\*H29mm

## Solar Road Stud NK-RS-A6-1



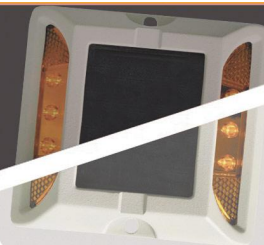
## Solar Road Stud Specification

1. Material: Aluminum(GB-ADC12)+PC(Japan Brand)
2. Power supply: USA Brand High Efficient Solar Panel(2.5V/150MA )for NI-MH battery 5V/60MA for Lithium battery 3V/120MA for super capacitor
3. Battery: NI-MH 1.2V/ 600mah; Lithium battery 3.2V/500MA; Super capacitor 2.3V/120F
4. Working model: Blinking or constant(charged at daytime and working automatically at night)
5. Working hours:  
 Blinking: 140hours for NI-MH battery; 130hours for Lithium  
 Constant: 40hours for NI-MH battery; 35hours for Lithium battery; 15hours for supercapacitor after fully charged
6. Visual distance: more than 800m
7. Waterproof: IP68
8. Resistance: Above 30T(can be installed in the middle of road)
9. Life span: 2years for NI-MH battery, 5years for Lithium battery, 10years for super capacitor
10. Two sizes for choose: Size: L125\*W107\*H25+55mm    Size: L125\*W107\*H25mm

## Compression Test





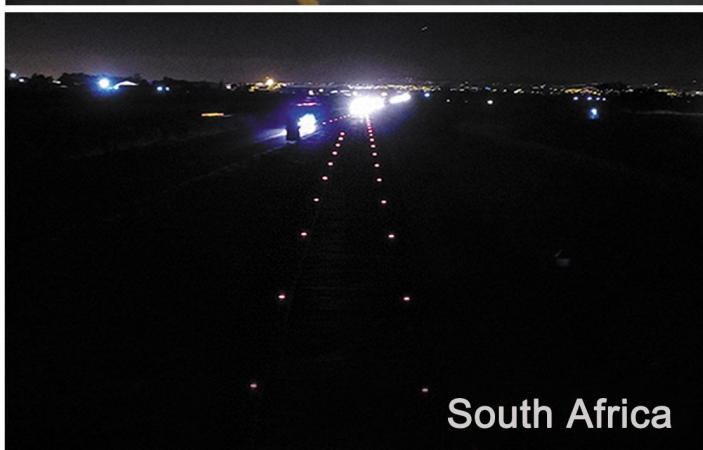
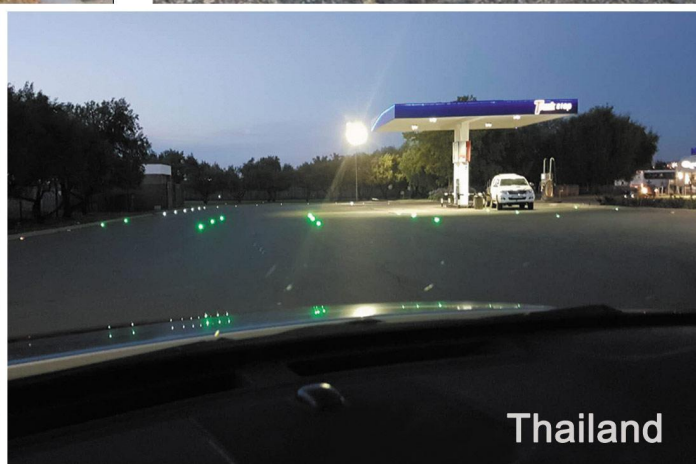


NOKIN

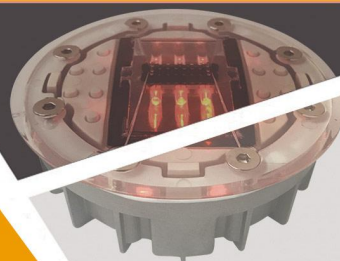
## Solar Road Stud NK-RS-A6-1



## Installation And Application

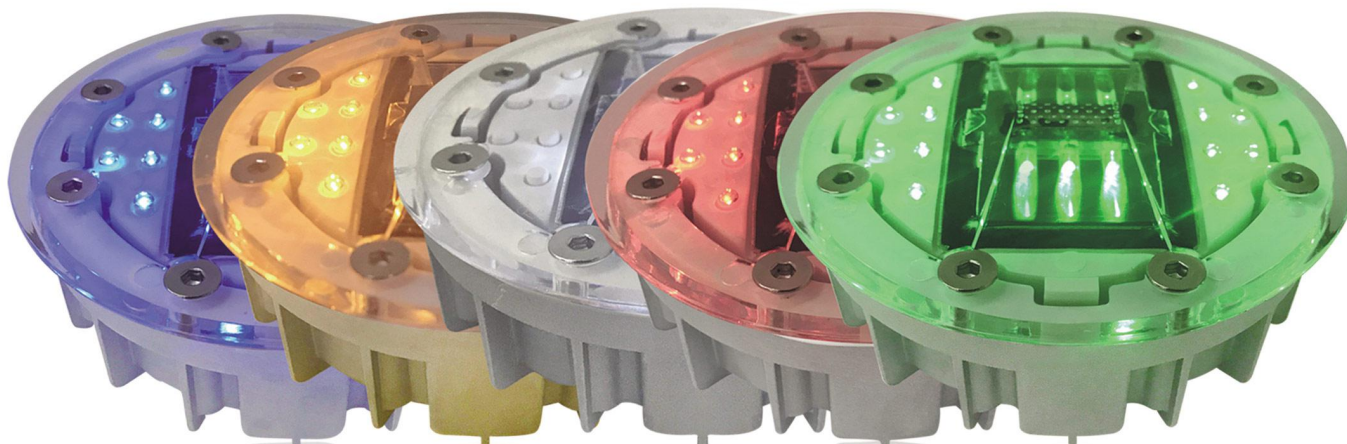






## Solar Road Stud NK-RS-X5

- Factory since 2001.
- Solar system of aluminum road stud is conducive for reducing environmental impact and saving costs.
- The Solar Road Stud can help to reduce accident at regional rail crossing, intersection and provide guidance and hazard warning to drivers in darkness and bad weathers.

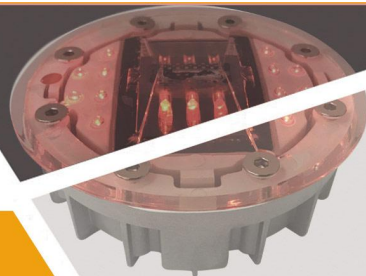


**Load capacity: >40T. Can be installed in the middle of road.**  
**Ultra bright diameter 5mm LED light (6pcs or 18pcs)**

## Specification

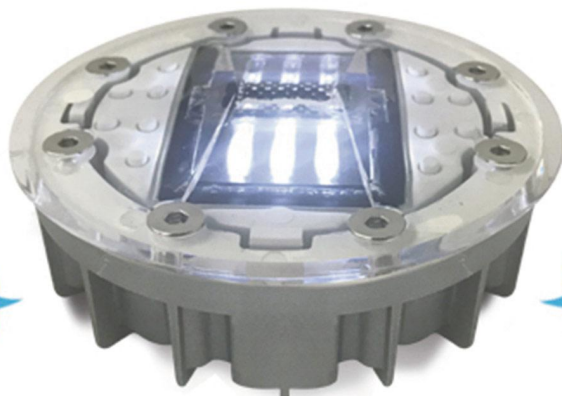
Body material	Cast Aluminum	Water proof	IP68
Power supply	High Efficient Solar Panel 5V/80MA for lithium battery 3V/120MA for super capacitor	Visual distance	1000m(approx)
Battery	Lithium battery 3.2V/1000MA; Super capacitor 2.3V/120F.	Life span	3-5 years with battery
LED	Ultra bright diameter 5mm(6pcs or 18pcs) super brightness >5000mcd	Load capacity	>40T (can be installed in the middle of road)
LED color	Red, Yellow, Green, Blue, White	Size	Dia 135*50mm
Working mode	Recharging at day and working automatically at night	Working temperature	(-25 °C~ + 75°C)
Flashing mode	Flashing or constant	Weight	1000g
Working hours	(1). Blinking: 130hours for lithium battery; 30hours for super capacitor after fully charged. (2). Constant: 35hours for lithium battery; 15hours for super capacitor after fully charged.		





## NK-RS-X5 Product Point

USA Brand High Efficient Solar Panel



PC  
High Transparency



Brand Casting Al Material.  
 Solar Stud Load Capacity: > 40T

Screw Fixing. Good Tightness  
 and corrosion resistance.



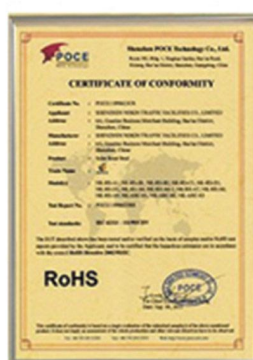
CE



Spike CE



FCC



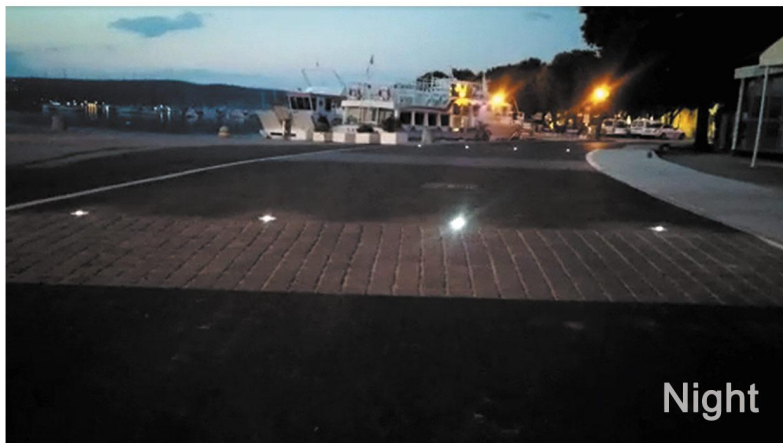
Spike RoHS



ROHS

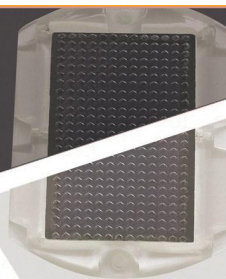


Day

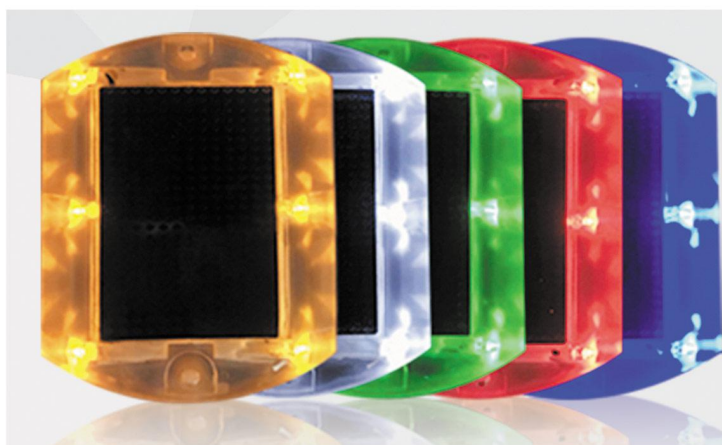


Night





## Solar Road Stud NK-RS-Q7



• Thickness Only 11mm •

CE / IP68 / RoHS

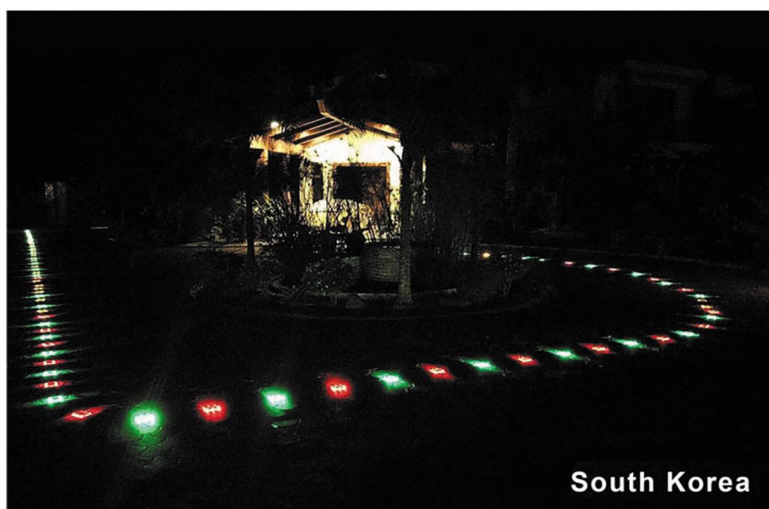
Five Colors For Choose



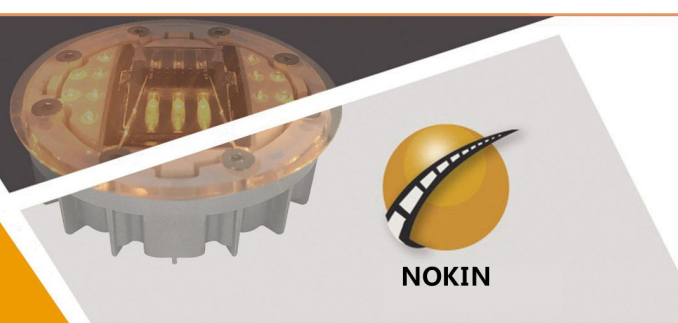
→ Thickness only 11mm

## Products Specification

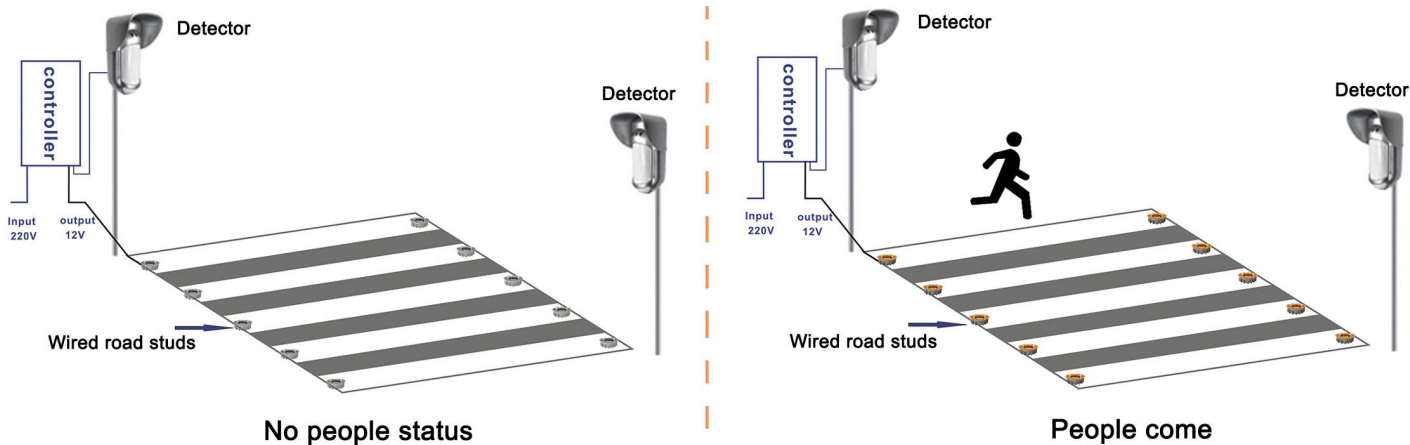
- |                                |  |
|--------------------------------|--|
| 1.Item code: NK-RS-Q7          | 2.Power supply: High efficient solar panel (5V/60MA) |
| 3.Body case: PC                | 4.Battery: Lithium battery (3.7V/340MAH)             |
| 5.LED: 6pcs ultra bright F3LED | 6.Illumination intensity: Y/R>3000MCD; W>5000MCD     |
| 7.Visual distance: 500M        | 8.LED color: Red, Yellow, White, Blue, Green         |
| 9.Life: 5years                 | 10.Working temperature: -20°C-80°C                   |
| 11.Resistance: 100KN           | 12.Size: 114*90*11mm                                 |
| 13.Water proof: IP68           |  |







## Motion sensor wired system



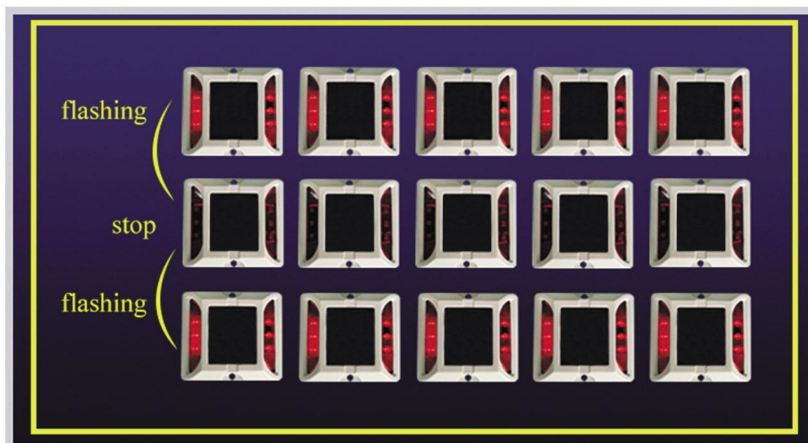
## Main Specifications

1. Product power consumption: wired type  $\leq 1.5W$ ;
2. Color: red/yellow/green
3. Visual Distance: 500m under street lights
4. Interface Mode: UART or TTL
5. LED: 18pcs 0.5W LED, brightness:  $\geq 30000\text{mcd}$  (wired type)
6. Compression rating: greater than 400KN.
7. Lifetime: more than 3years
8. Working environment: temperature:  $-40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$ , moisture: 10% to 90%.
9. Size: studs:  $\phi 135 \times 50\text{mm}$ ; controller:  $300 \times 200 \times 100\text{mm}$
10. Case material: aluminium+PC anti-ballistic material+epoxy filling
11. Waterproof grade: IP68(studs); IP65(controller)
12. Control box electrical protection: not less than surge 40KA.
13. Working mode: connect with traffic signal, traffic lights synchronization; connecting traffic cameras to detect the passing pedestrians.

## Bluetooth Synchronized Road Stud

### The Principle Of Bluetooth Synchronized Solar Road Stud

The Bluetooth synchronized solar road stud, which is also called Bluetooth solar co-frequency road stud, refers to the solar road studs installed separated which flash in the same frequency.





**NOKIN GROUP CO., LTD**

**SHEN ZHEN NOKIN TRAFFIC FACILITIES CO., LTD**

Adds: 4/F, C1 Block, Xiangli Industrial Zone, Fuyuan Road,  
Fuyong Town, Bao'an District, Shenzhen, China

Sales Dep 1: +86 755-23594730

Mobile: +86 13602600950

Whatsapp: +86 13602600950

E-mail: [info@nokintraffic.com](mailto:info@nokintraffic.com)

Skype: [nokintraffic](#)

Web 1: <http://www.nk-roadstud.com>

Web 2: <http://www.roadstudlight.com>

Web 3: <http://www.solar-ledstreetlight.com>

Web 4: <http://nktraffic.en.alibaba.com>