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Think Safety Innovation

Just one way
we are working to make the world a safer place -
today and tomorrow



Your Safety,
Our Vision!

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 **Hi-Q**

Creative challenge toward a better safety

Hi-Q Co., Ltd. has been continuously grown with an administrative policy that provide service to customers with the highest product since its foundation in 1987. The company had advanced automatic production facilities with expending completing the Ansan factory in 1996, furthermore, its various kinds of products over 30, such as Flexible post, PE Drum, Cushion tank, Road stud and the like, are now recognized with the highest quality at every construction site nationwide in the field of construction road safety supplies. Hi-Q, an abbreviation of High-Quality, is a trade name based on the philosophy of product that promises the highest quality. All members of our company, Hi-Q, make the best efforts to improve the quality and to develop new products through consistent research and development with their will and vision. We thank you customers for your patronize and will listen to your constant encouragement and opinion.

Yours Truly,
Hi-Q Co., Ltd.

Marks

1987-Feb.
Hi-Q Co., Ltd. Established.

1992-Jun.
Completed Anyang factory (Installed 7 catapults, including 850 tons)

1996-Sep.
Relocated to Ansan factory in Ansan Industrial Complex. (Site: 1,946 m³, Factory: 5,172 m³-Installed 11 catapults)

1997-Oct.
Launched road safety business by supplying PE drum, traffic cone, flexible post to Korean Highway Corporation and Seoul Municipality.

1999-Jun.
Incorporated under the name of Hi-Q Co., Ltd. Venture Business Certificate by Government

2002-Jun.
Acquired ISO 9001:2000 & Excellent Management Enterprise Certificate by Industrial Bank of Korea.

2004-Nov.
Water Barrier Tank passed "Real Car Crash Test" by the Ministry of Construction and Transportation.

2006-July.
Swareflex Sole agency in Korea

2006-Nov.
Acquired Eco-label certificate by Korea Environmental Labeling Association

2007-Jan.
Acquired KSA 3806(Korea Standard) certificate

2008-Jan.
Establish a Research and Development Division

This is what Hi-Q believes will determine future competitiveness

Being leading manufactures Hi-Q has been visionary suppliers of Road, Parking and Construction Safety Product since 1987 Amid the whirlpool of changes in the 21st century, there is one thing that remains constant, And that is the artisanship of Hi-Q

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Flexible Post

Model No.	RB750 / RB450 / NB750
Material	PU(Polyurethane) body Microprism reflectives
Dimensions (L x W x H mm)	RB750 $\varnothing 200 \times \varnothing 80 \times 75$ NB750 $\varnothing 200 \times \varnothing 80 \times 75$ RB450 $\varnothing 200 \times \varnothing 80 \times 450$
Colour	Orange(body) Metallic silver(reflectives)



RB750 RB650 RB450 NB750



Flexible Post Block

Model No.	RB1751 / NB1751
Material	PU(Polyurethane) - post HDPE - Block
Dimensions (L x W x H mm)	Block 1000 x 200 x 85 / 160 High 750 / 450
Colour	Orange(body) Metallic silver(reflectives)



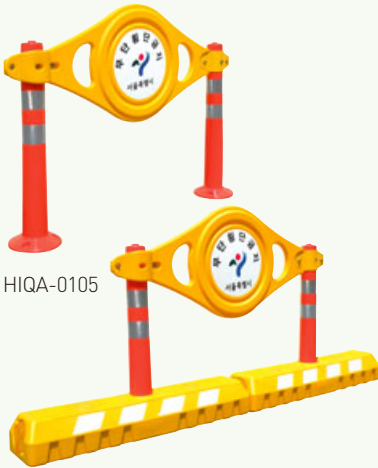
RB1751

NB1751



Jaywalking Prevention Fence

Model No.	HIQA-0105 / HIQA-0106
Material	PU(Polyurethane) - post HDPE - block, body
Dimensions (L x W x H mm)	Block 1000 x 200 x 900
Colour	Yellow(body, block) Orange(post)



HIQA-0105

HIQA-0106



Multi-gate

Model No.	RF1600
Material	HDPE(body)/ABS(cap) Hi reflectives
Dimensions (L x W x H mm)	170-2300 x 480 x 1090 Max. Extended span-2300
Colour	Orange (body)/Black (cap) White (reflectives)



RF1600



Cushion Tank



CTM01

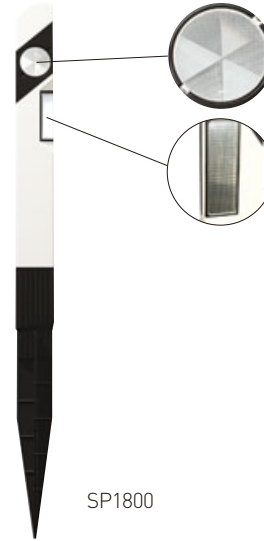
Model No.	CTM01 / CTM02
Material	LDPE/Hi reflectives
Dimensions (L x W x H mm)	1000 x 1200 x 900 900 x 600 x 900
Colour	Yellow (body) Yellow & Black (reflectives)



CTM02



Side Post



SP1800

Model No.	SP1800
Material	HDPE(Body) Lens(PMMA, Swareflex)
Dimensions (L x W x H mm)	130 x 90 x 1800
Colour	White, Yellow(reflector) White(body)/Black(prop)



Assembly PE Drum



RP830

Model No.	RP830
Material	HDPE
Dimensions (L x W x H mm)	Ø550 x 850
Colour	Red / White (reflectives)



Super Cone



RC1000

Model No.	RC1000
Material	HDPE
Dimensions (L x W x H mm)	520 x 520 x 1000
Colour	Orange(body) White(reflectives)



Traffic Cone



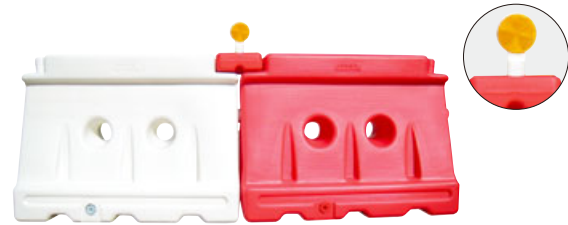
RC720

RC722

Model No.	RC720/722/723
Material	LDPE
Dimensions (L x W x H mm)	380 x 380 x 720
Colour	Red(body) White(reflectives)



Water-filled Barrier



RB3100

Model No.	RB3100
Material	HDPE
Dimensions (L x W x H mm)	1200 x 600 x 900
Colour	White/Red/Yellow

Bollard



Model No.	BA-S1 / BA-F1
Material	Outside PU Inside Steel
Dimensions (L x W x H mm)	Ø155 x 800
Colour	Blue, Gray



Road Stud



Model No.	RM900/Ultra Crystal
Material	Aluminium Alloy body with 1 or 2 PC or Swareflex lens
Dimensions (L x W x H mm)	130 x 110 x 30 100 x 100 x 20
Colour	Silver(body) White, Yellow, Red(reflectives)



Reflector



Model No.	RD100(Single)/200(Double)
Material	ABS(body)/PMMA(reflector) PP(pipe)
Dimensions (L x W x H mm)	Ø100
Colour	White (body) White, yellow (reflector) Yellow, black (pipe)



PE Fence



Model No.	RF1500
Material	HDPE(body)
Dimensions (L x W x H mm)	1510 x 415 x 900
Colour	Yellow



Convex Mirror



Model No.	SG100/SG80/SG60
Material	SUS304 stainless steel
Dimensions (L x W x H mm)	Ø1000/800/600
Colour	Metallic silver(lens) Orange(rim)



SG100

SG80

SG60

Corner Guard



Model No.	CG500
Material	Elastomer/Steel plate
Dimensions (L x W x H mm)	100 x 100 x 1000
Colour	Black & Yellow



CG500

Speed Hump



Model No.	P500/P1000
Material	Elastomer
Dimensions (L x W x H mm)	500 x 500 x 50 1000 x 500 x 75
Colour	Black & Yellow



P500



P1000

Rubber Car Stopper



RS750 9kg



RS751 6kg

Model No.	RS750 / RS751
Material	Elastomer
Dimensions (L x W x H mm)	750 x 150 x 120
Colour	Black (body) Yellow (reflectives)



Car Stopper



C2001



C2002



C2003

Model No.	C2001 / C2002 / C2003
Material	Impact PP
Dimensions (L x W x H mm)	C2001-750 x 150 x 120 C2002-750 x 150 x 120 C2003-750 x 200 x 120
Colour	Black(body) Yellow(reflectives) Red(reflector)



Deck Bumper



DB500

Model No.	DB500
Material	Elastomer
Dimensions (L x W x H mm)	1000 x 150 x 80
Colour	Black (body) Yellow (reflectives)



Parking Safety

Parking Blocker



Model No.	RC1040
Material	HDPE
Dimensions (L x W x H mm)	Ø400 x 1040
Colour	Orange (body) White (reflectives)

Parking Block Board



Model No.	SB700
Material	HDPE
Dimensions (L x W x H mm)	560 x 1000
Colour	Yellow



Solar Safety

Synchronizing System

Steady Lighting System

Solar Powered Traffic Signage

Available - Blinking and Steady Lighting System

Economic Solar Chevron

Hi-power Solar Chevron

Solar Obstruction Marker

Solar Bridge Panel

Solar Safety Warning Products

Solar Mini Light Bar

Solar Light Bar

Solar Warning Light(Single)

Solar Warning Light(Double)

Solar Flashing Arrow - Single

Flashing Arrow - Double

Solar Blinker- for Cushion Tank

Solar Road Stud

Solar Economic Blinker

Solar Economic Blinker

Solar Safety

- High visibility LED system
- Easy to install and maintenance-free
- Environmentally friendly

Synchronizing System

This new "state-of-the-art" Synchronizing system is solar powered, LED equipped and maintenance free enhanced safety system to reduce driver's optical illusion from different blinking timing by independent solar blinkers. It is synchronized by cable connection from 1 solar control unit with automatic synchronization mode in order to assure highest reliability of up to 30 units within the same system up to 300 meters range. Three different optional operating modes cover all needs-simultaneous blinking, sequential blinking or steady lighting mode.



Technology	Synchronizing system via cable
Distance	Up to 300 meters
Control Unit	1 or more Depending on the length of the location
Operating Mode (2 types)	Simultaneous blinking Sequential blinking
Operating Time	At night- dusk to dawn 24 Hours
Operating Life	5 years
Optional	Chevron, single, double & arrow warning light, etc.

10W

- Coverage: Max.150 meters
- Connectivity: Max.15 nos.

Solar	21V x 10W
Battery	12V x 12A
LED	Amber or Red 10 000mcd
Flashing Rate Operating Mode	80 times/min. Simultaneous blinking Sequential blinking
Operating Time	At night - dusk to dawn 24 hours - optional
Dimensions (L x W x H mm)	Solar - 445 x 285 x 35 Control Box - 300 x 200 x 150
Visibility	500 meters

25W

- Coverage: Max.300 meters
- Connectivity: Max.30 nos.

Solar	21V x 25W
Battery	12V x 18A
LED	Amber or Red 10 000mcd
Flashing Rate Operating Mode	80 times / min. Simultaneous blinking Sequential blinking
Operating Time	At night - dusk to dawn 24 hours - optional
Dimensions (L x W x H mm)	Solar - 445 x 285 x 35 Control Box - 300 x 200 x 150
Visibility	500 meters



Control Unit

Via cable connection

Night working

Steady Lighting System

This new "state-of-the-art" steady system give non-flashing effects by our low energy consumption technology and this effects can reduce driver's optical illusion

Any traffic sign
Designs are available



Solar	21V x 3.4W
Battery	12V x 7A
LED	Amber or Red 10 000mcd
Operating Mode	Steady Lighting
Operating Time	At night- dusk to dawn
Operating Cycle	240hours (10days)
Dimensions (L x W x H mm)	Ø600/900 (70-80LED / 100-110LED)
Visibility	500 meters
Material	Aluminium

Solar Powered Traffic Signage

Available - Blinking and Steady Lighting System



Chevron



Obstruction Marker



Bridge Panel



Pedestrian Crossing



Pass This Side



Pass Either Side



Parking/Stopping Prohibited



School Zone



Traffic Signage

Economic Solar Chevron

SCB4560 / 6075



Hi-power Solar Chevron

SCD4560 / 6075

(Double Function-Steady Lighting & Blinking)



Solar	4V x 120mA
Battery	2.4V x 2200mAh
LED	Amber or Red 9800mcd x 34/42ea
Flashing Rate Operating Mode	80 times per min. Steady lighting - optional
Operating Time	At night - dusk to dawn
Dimensions (L x W x H mm)	450 x 600 600 x 750
Material	Aluminium

Solar	21V x 3.5W
Battery	12V x 7A
LED	Amber or Red 10000mcd x 42ea
Flashing Rate Operating Mode	80 times per min. Blinking & Steady lighting
Operating Time	At night - dusk to dawn
Dimensions (L x W x H mm)	450 x 600 600 x 750
Material	Aluminium

Solar Obstruction Marker



Solar	4V x 70mA
Battery	2.4V x 2200ma
LED	Amber or Red 12000mcd x 9ea
Flashing Rate Operating Mode	80 times per min. Blinking only
Operating Time	At night - dusk to dawn
Dimensions (L x W x H mm)	400 x 400 600 x 600
Material	Aluminium

Solar Bridge Panel



Solar	4V x 70mA
Battery	2.4V x 2200ma
LED	Amber or Red 12000mcd x 17ea
Flashing Rate Operating Mode	80 times per min. Blinking only
Operating Time	At night - dusk to dawn
Dimensions (L x W x H mm)	900 x 300
Material	Aluminium

Solar Safety Warning Products

Solar Mini Light Bar



Solar	12V-3.5W
Battery	12V x 3Ah
LED	Red 1 lamp - 12 LEDs Blue 1 lamp - 12 LEDs
Flashing Rate Operating Mode	Flashing only
Operating Time	At night - dusk to dawn
Dimensions (L x W x H mm)	410 x Ø180
Material	Stainless steel housing PC cap

Solar Light Bar



Solar	12V x 10W
Battery	12V x 12Ah
LED	Red 3 lamp - 36 LEDs Blue 3 lamp - 36 LEDs
Flashing Rate Operating Mode	Flashing only
Operating Time	At night - dusk to dawn
Dimensions (L x W x H mm)	1120 x 300 x 130
Material	Stainless steel housing PC cap

Solar Warning Light(Single)



Solar Warning Light(Double)



Solar	12V x 5W
Battery	12V x 7Ah
LED	Amber or Red 10 000mcd x 120ea
Flashing Rate Operating Mode	60 times per min. Steady lighting - optional
Operating Time	At night - dusk to dawn 24 hours
Dimensions (L x W x H mm)	350 x 350 x 220 Lens Ø300
Material	PC

Solar	12V x 5W
Battery	12V x 7Ah
LED	Amber or Red 10 000mcd x 120ea
Flashing Rate Operating Mode	60 times per min. Steady lighting - optional
Operating Time	At night - dusk to dawn 24 hours
Dimensions (L x W x H mm)	710 x 350 x 220 Lens Ø300
Material	PC

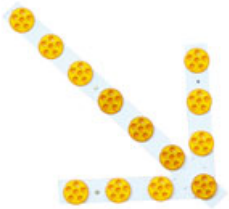
Solar Blinker - for Cushion Tank Solar Road Stud



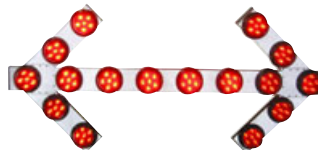
Solar	4V x 80mA
Battery	2.4V x 1800mAh
LED	Amber or Red 20 000mcd x 2ea
Flashing Rate Operating Mode	80 Times per min. Blinking only
Operating Time	At night - dusk to dawn
Dimensions (L x W x H mm)	250 x 150 x 35 Lens Ø90
Material	Aluminium / PC lens

Solar	3V x 160mA
Battery	1.2V x 1100mAh
LED	Red, White, Yellow, Green etc 9 000mcd x 4ea
Operating Mode	Blinking or Steady Light
Operating Time	At night - dusk to dawn
Dimensions (L x W x H mm)	130 x 120 x 20
Material	Aluminium/PC

Solar Flashing Arrow - Single



Flashing Arrow - Double



Solar	12V x 3.5W
Battery	12V x 7 Ah
LED	Amber 10 000mcd 78ea(13 x 6ea)
Flashing Rate Operating Mode	60 times per min. Flashing only
Operating Time	At night - dusk to dawn
Dimensions (L x W x H mm)	1 125 x 995 Lens Ø105
Material	Aluminium / PC lens

Solar	DC
Battery	12V x 18Ah over
LED	Amber 10 000mcd 126ea(21 x 6ea)
Flashing Rate Operating Mode	60 times per min. Flashing only
Operating Time	24 hours
Dimensions (L x W x H mm)	1 600 x 995 Lens Ø105
Material	Aluminium/PC lens & cap

Solar Economic Blinker LB100



Solar Economic Blinker LB120



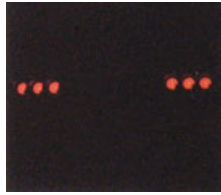
Solar	3.5V x 60mA
Battery	1.2V x 600mAh
LED	Red 2 000mcd x 4ea
Flashing Rate Operating Mode	200-220 times per min. Blinking only
Operating Time	At night - dusk to dawn
Dimensions (L x W x H mm)	Ø60 x 85 x 165 Lens Ø40
Material	PMMA / PC solar cover

Solar	4V x 120mA
Battery	2.4V x 2 200mAh
LED	Red 9 800mcd x 6ea
Flashing Rate Operating Mode	60 times per min. Blinking only
Operating Time	At night - dusk to dawn
Dimensions (L x W x H mm)	Ø120 x 115
Material	PC

Installation Pictures



Tunnel safety



Solar Light Bar



School Zone Safety



Traffic Signage



Solar Warning Light



Worldwide Activities

Think Safety Innovation
Hi-Q



Malaysia



U.A.E



Sri Lanka



USA



KSA



Oman



Kuwait



Thailand



Bangladesh



Viet Nam



Myanmar

Exhibition



Korea



Dubai



Viet Nam