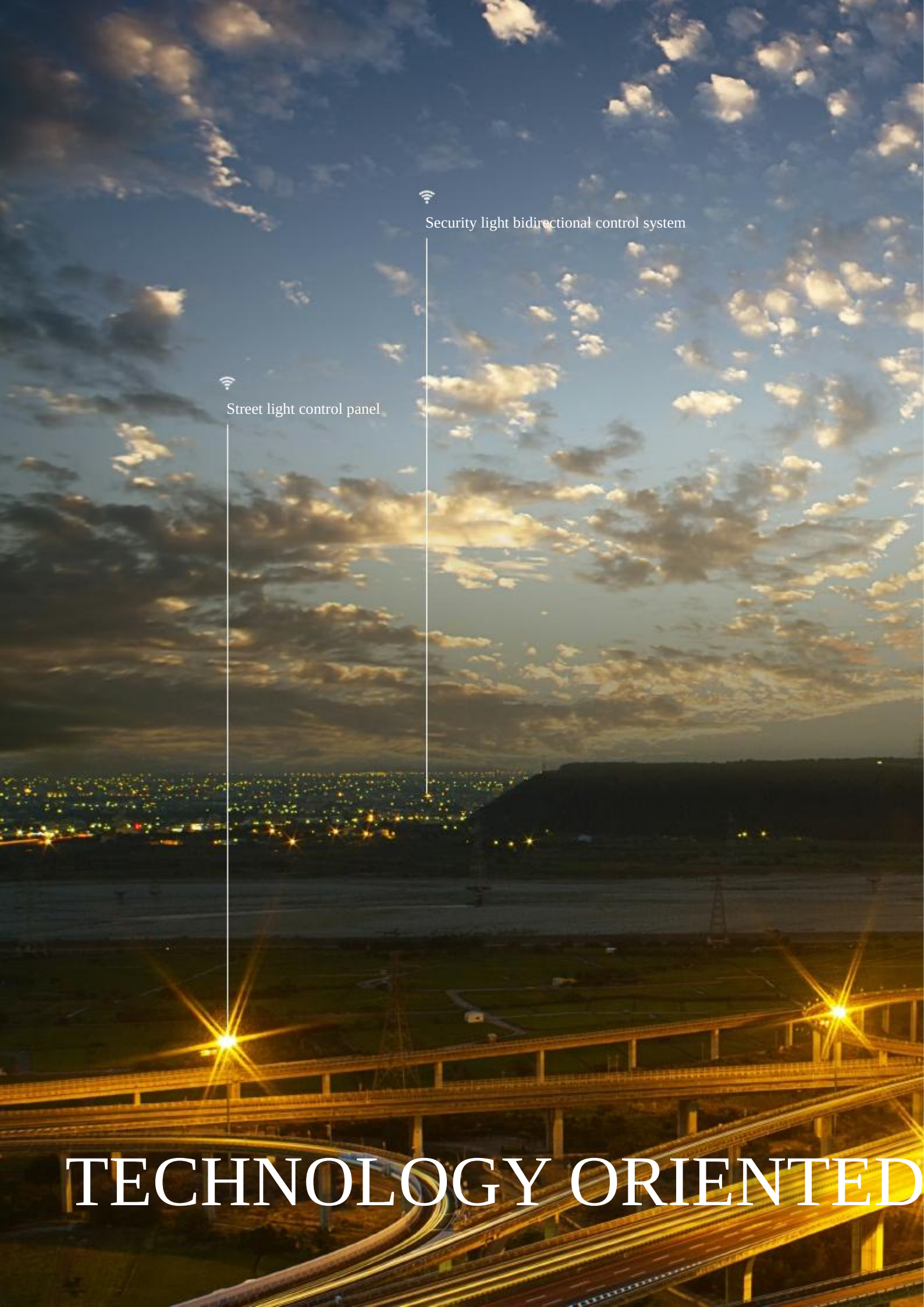
Street Light
Security Light
Technology

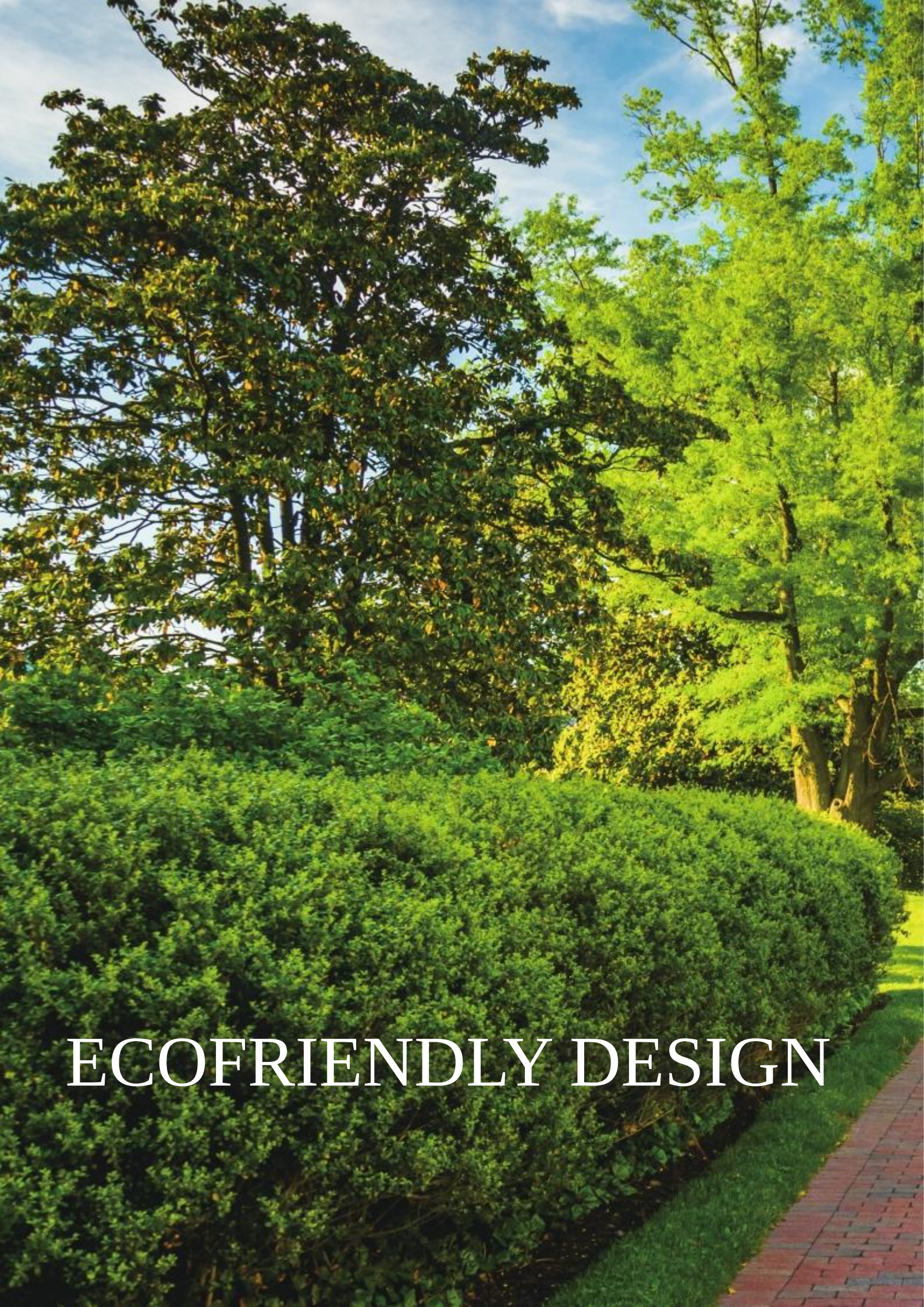
GABOTECH NO.1

GABOTECHCO.,LTD.
http://www.gabotech.com



TECHNOLOGY ORIENTED

Wireless monitoring control application system
Wireless control system
Wireless water supply control system
Street light bi-directional control system
GABOTECH


ECOFRIENDLY DESIGN

GABOTECH

Factory View

Greeting

Established in January 2003, GABOTECH Co., Ltd. is a leading manufacturer of street lights, security local switches, development, production and maintenance Of wireless applications other than surveillance control systems.
As a specialized company, we have accumulated skills based on customer service Spirit, trust is our top priority.

Under the motto of “Unity”, We are playing a leading role in the field of surveillance control, such as street light and security light, with our belief in customer satisfaction and quality first.
21st century is internationalization and globalization, etc.
We have automated all lines to actively respond to the current situation.
By developing new products and improving the management efficiency, we are putting the best services such as reasonable prices, high quality maintenance, we will keep up with our position.

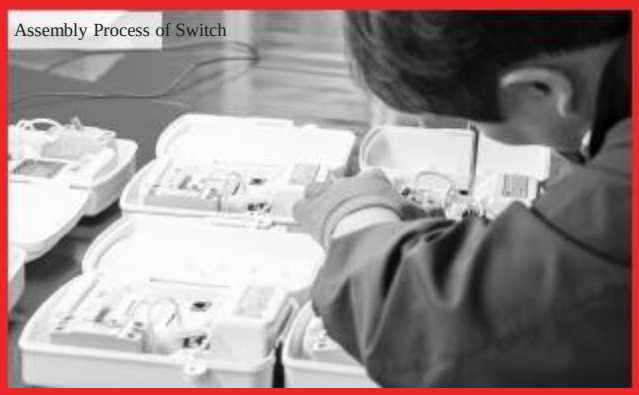
Head Office

Employee Welfare facilities

Exhibition View

Injection Molding Process

Assembly Process of Switch



Distribution box manufacturing process

Distribution box manufacturing process

Label production process

Main Business Contents

Street light bi-directional control system
- Bidirectional control using the communication network
- Wireless control function
- Monitoring / Controlling of poles

Security light bi-directional control system
- Bidirectional control using the communication network
- Security light monitoring system using wireless signal of 400MHz band

Street light control panel
- General distribution box for street lights
- Environment-Friendly special distribution box

Wireless control system
- Wired and wireless control of street light / security light
- Vessel, Harbor light tower wireless control
- Parks light/Tunnels light wireless control
- Wireless control such as military bases
- Integrated management system of Marine Transportation Facilities

Road signs / Traffic safety signs
- Includes light emitting type (Optical fiber, LED)
- Application Monitoring Control System

Wireless monitoring control application system
- Street light / Security light / Environmental monitoring / Electricity
- Monitoring Electric leakage of traffic signals
- Wireless data relay system
- RF/Zigbee/PLC application system
- Dimming control system

Global market entry business
- Street light monitoring & control system
- Wireless network utilization projects in each country
- LED Business

Wireless water supply control system
- Water supply station wireless control and monitoring
- Water intake station motor control and monitoring
- Integrated water monitoring / control / management
- Hydroponic Facility(Remote monitoring system)
- Subway line pump monitoring system

Services and Consulting
- Wireless system maintenances, Installation
- Industrial wireless system development service

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'GABOTECH

2003

2003. 1 Established GABO INDUSTRY

2003. 3 Joined Korea Lighting Industry Cooperative

2003. 5 Registration of Public Procurement Service

2003. 8 ISO 9001/KSA 2001 Acquisition of certification

2003. 9 “Multifunction Control Panel” Utility model(20-0326674)

2003.11 Acquired certificate of company affiliated research institute (Korea Business Technology Promotion Association)

2003.12 Transformed into GABOTECH Corporation

2004

2004. 2 Short-time leakage return type (BTC-100)
Acquired safety certification for electrical appliances

2004. 3 “Trip notifying device of street light breaker”
Registered utility model
(20-0343825)

2004. 6 “Wireless hands-free device for cell phone” Registered utility model (20-0353262)

2005

2005. 2 Registered as a Venture Company

2005. 4 Simple transmitter type registration for Security lights

2005. 5 Registered of Korea Software entrepreneur

2005. 6 Registered as Gyeonggi Province Industry Family company

2005. 6 Registered as a promising small and medium industry

2005. 8 “Automatic switch & control method” Patent registration(10-0504631)

2005.11 “Security light monitoring system” Patent registration(10-0533862)

2006

2006. 2 Registered in telecommunication construction business(No.310152)

2006. 3 Registered as a technological innovation type company(INNO-BIZ)

2006. 4 “Intelligent control panel with display function”
Patent registration(10-0575347)

2006. 4 KT Powertel Solution Partner Agreement

2006. 7 Registration wireless transmitter type of street light & Security light

2006.11 Registered “가보테크” Trade mark & Service mark(45-0017950)

2006.11 Registered “GABOTECH” Trade mark & Service mark (45-0017951)

2006.11 “Terminal strip with current power, leakage meter ”
Registered utility model(20-0430804)

2006.11 “Lighting lamp power line abnormality monitoring device”
Registered utility model(20-0431785)

HISTORY

2007

2007. 2 Registered trademark right of “Shape+GABO logo”(50-0696750)
2007. 2 Registered the design of “Lighting lamp”(30-0440128)
2007. 2 Registered the design of “Lighting lamp”(30-0440129)
2007. 3 Acquired standard certificate of excellent organization(2006-029-021)
2007. 8 Designated as an industrial family company
(Korea Industrial Technology University)

2008

2008. 1 Performance Certification
(No. 15-366, Small and Medium Business Administration)
“400MHz band Security light monitoring and control system using wireless signal”
2008. 3 Registered electric work (Kyonggi-03156)
2008. 8 “Bi-directional control system such as security (GMC-300S v1.0)”
GS Certification (08-0189, Korea Information Technology Association)
2008.12 Confirmation of Direct Production of "Switchboard"
(Small and Medium Business Administration)
2008.12 “Automatic switch with fault detection of lamp and ballast”
Registered utility model (20-0442855)
2008.12 “Lighting lamp with dimming control function”
Registered utility model (20-0443046)

2009

2009. 2 “Auto Switch”, “Streetlight”, “Landscape Lighting”
Confirmation of direct production certification
(Small and Medium Business Administration)
2009. 2 Performance Certification
(No. 15-460, Small and Medium Business Administration)
“Security lights Bidirectional Control System (GMC-300S) v1.0”
2009. 3 Registered as INNO-BIZ for technology innovation type
Small and Medium Business Enterprise
(No. R6061-0173, Small and Medium Business Administration)
2009.11 Confirmation of direct production of “Switchboard”
(Small and Medium Business Administration)

2010

2010. 2 “Automatic Switch”, “Streetlight Lamps”, “illumination device”
self-product certification (SME administration)
2010. 3 “Streetlights controller housing” design registration(30-0565196)
2010. 7 “Streetlights switch housing” design registration(30-0567477)
2010. 9 Participated in 2010 LED International Lighting Exhibition
(9/27~9/29, COEX)
2010.12 “Security light bidirectional monitoring switch”
Designated as a procurement superior product by PPS
(No. 2010202)

2011

2011.11 “Streetlight control box monitoring system” Patent registration(10-1088484)
2011.11 “Distribution box for streetlights(KS C 8324), Mixed type” KS Certification

2012

2012. 2 Re-designation of INNO-BIZ for technology
innovation type SME(R6061-0173)
2012. 2 “Distribution box for street lights(KS C 8324), those made of metal” KS Certification (11-0651)
2012. 3 Honorable Taxpayer Citation Award(No.13)
(Gyeonggi Provincial Office)
2012.12 “Street light waterproof type connection box”
V check mark certification(KESCO-120501-01)

2013

2013. 2 Awarded by the Procurement Administration(PPS)
2013. 2 Registered utility model “Lamp Control Device”(20-0465645)
2013. 3 Designated as a PQ company for overseas procurement market
(PPS, 2013-029)
2013.10 “Streetlight remote monitoring and control technology with Dimming control function” Green Technology Certification
(GT-13-00208)
2013.10 Streetlight/Security light, bidirectional control system, monitoring switch, Pole monitoring switch Green technology product (GTP-13-00116, GTP-13-00117, GTP-13-00115)
2013.11 “Illumination lamp including fault display” Registered patent
(10-1337573)

2014

2014. 6 Streetlight Switch (Wireless bidirectional monitoring switch)
Green Technical Product Identification(GTP-14-00067)
2014. 6 Streetlight Switch (Wireless bidirectional monitoring switch)
Green Technical Product Identification(GTP-14-00068)

2015

2015. 2 “Monitoring & Control system of road signs and traffic safety signs” Patent registration (10-1492578)
2015. 2 Reinforcement registration of technology innovative SME
(INNO BIZ) (R6061-0173)
2015. 7 2015 Gyeonggi Provincial Public Facilities Excellence
Certification (Design-15-30)

2016

2016. 1 Designated as a company to enter overseas procurement market(G-PASS company)
2016. 4 New Factory and relocation(To Yongin city)
2016. 6 Distribution box“Haeneul-400”Excellent Public Design
Certificate of Seoul City(SGPD-00793)
2016. 7 Green Certificate Commendation
(Minister of Commerce, Industry & Energy)
2016. 7 Joined the Korea International Trade Association(No.30857906)

A great company that understands the minds of customers
Will prepare for the beginning of tomorrow

Delivery Performance

2003~2007

Kangwon Gangneung City street light bi-directional switch
Goyang City Gyeonggi-do street light / security etc. wireless control system
Gyeonggi-city street light / security light wireless switch, bidirectional control system, etc.
Gyeonggi-city, Gwangju city, etc. Electronic timer, street light automatic switch, etc.
Gunpo city street light switch, etc.
Gimpo-si, Gyeonggi-do double-headed control system,
Street light bi-directional switch, etc.
Gyeonggi Namyangju City Security Electronic Timer,
Bus Platform Control Device,
Street light wireless switch etc.
Sungnam-si, Jungwon-gu, Jeong-gu street light / security light wireless switch, bidirectional control system, etc.
Gyeonggi Suwon City streetlight bidirectional control system, street light / security light switch, etc.
Gyeonggi-city security light switch and others
Ansan City Gyeongbuk-gu Office
Munang-gu, Seoul, Korea
Yangju City Hall bidirectional control system and bidirectional flicker
Gyeonggi Yangpyeong-gun street light wireless switch
Electronic timers other than security Yeoju city security
Yongin-si, Gyeonggi-do double-headed automatic switch
Uiwang City automatic return type timer, street light wireless switch, etc.
Gyeonggi Icheon security light switch, Street light control panel, etc.
Gyeonggi Paju City street light control system, street light automatic switch, etc.
Gyeonggi Pyeongtaek Songtan street light bidirectional flicker
Gyeonggi-Han, Bidirectional Control System, etc.
Hwaseong city streetlight streetlight control system, street light wireless switch, etc.
Gyeongnam Sacheon electric shock protector and others
Electronic timers for security such as Yangsan, Kyungnam, etc.
Gyeongnam Jinju city streetlight bidirectional control system and others
Street lamp switch of Hamyang-gun, Gyeongsangnam-do
Daejeon city electric shock protector, street light / security light wireless switch etc.
Busan security flashlight etc.
Seoul Guro-gu Office Security Electronic Timer etc.
Noon Ward, Seoul street lamp switch, etc.
Seoul Yongsan-gu Office street light radio controller and others
Seoul Jung-gu Office security light electronic switch etc.
Incheon street light radio control system and others
Incheon Ongjin County streetlight bidirectional control system and others
Incheon Jung-gu bidirectional control system and others
Incheon General Construction Headquarter Bidirectional surveillance flicker
Jeonbuk Gunsan City security light switch, etc.
Jeonbuk Gimje City security light electronic switch etc.
Jeonbuk Iksan City security light electronic switch
Chonbuk Jeonju City street light bi-directional switch
Gongju, Chungnam security light switch, etc.
Asan city security alarm electronic switch other than Chungnam
Chungnam Cheonan city street light wireless remote control system and others
Chungnam Cheongyang County Office street light switch, etc.
Cheongwon-gun, Chungcheongbuk-do street light switch, etc.
Chungbuk security light switch, etc.
Chungju City Chungju City street light / security switch etc.
LH Gwangju Sinchang District street light switch, etc
LH Kyongha District street light wireless switch etc.
LH Gyoung District street light switch, etc.
LH Namyangju Hyeongpyeong district / Pyungnae district street lamp switch
LH camellia district tunnel etc. other than switch
LH mass production district two-way flicker
LH Yangzhou Gokup street light bi-directional switch
LH Osong District streetlight bidirectional control system and others
LH Yongin Project Street Lights Wireless switch
LH Qingqing District street light switch, etc.
LH Constitution District Street light switch, etc.
LH Jecheon Industrial district street lamp switch etc.
LH Jukjeon area residential development project and others
LH Paju Publishing Complex Bidirectional switch
LH Hanam Poongsan District street light bi-directional switch
LH Hwaseong Dongtan District Bi-directional switch

2008~2012

Kangwon Gangneung City Fountain control switch, streetlight bidirectional switch
Gangwon Goseong County Water Center Security GPS switch etc.
Kangwon Yanggu-gun security light electronic switch etc.
Kangwon Wonju city street light bi-directional switch
Inje-gun, Kangwon street light bi-directional switch, remote control system, etc.
Gangwon Chuncheon city security switch, street light distribution box, etc.
Gangwon-Hoengseong-gun street light distribution box and others
Gapyeong-gun, Gyeonggi-do
Gyeonggi Construction Headquarters Bidirectional Control System, Street Light Distribution Box, etc.
Gyeonggi-city interactive control system
Gyeonggi-city Gwangmyeong City streetlight bidirectional, distributive box, three-phase streetlight bidirectional switch
Gwangju City street light distribution box and others
Gyeonggi Provincial Office of Information and Communication Corporation
Gyeonggi-city street light bi-directional switch
Gyeongpo-gun, Gyeonggi-do street light, bi-directional, distribution box, security GPS switch
Gimpo City Security switch
Gyeonggi Namyangju City Security GPS switch, street light distribution box, etc.
Gyeonggi Bucheon security GPS switch etc.
Sungnam-si security light switch
Gyeonggi Songtan branch office, An-jin branch office street light wireless switch
Gyeonggi Suwon City Bi-directional control system security light bi-directional switch etc.
Gyeonggi-city security light switch and others
Gyeonggi Ansan city security, etc. GPS switch, streetlight bidirectional switch, etc.
Gyeonggi Anseong City street light distribution box, security, etc GPS switch
Gyeonggi Anyang City construction traffic security security GPS switch etc.
Gyeonggi-city street light branch distribution box and others
Yangpyung-gun, Gyeonggi-do street light, two-way distribution box, security light electronic switch, etc.
Yeoju city security flashlight etc.
Yeoncheon-gun, Gyeonggi-do street light distribution box, etc.
Gyeongin-city street light distribution box
Gyeonggi-si security security GPS switch etc.
Uijeongbu city security light surveillance switch
Gyeonggi Icheon City street light distribution box, security switch, etc.

Paju City street light distribution box, security switch, etc.
Gyeonggi Pyeongtaek City, Anjung branch Office Security switch, etc.
Installation of bi-directional surveillance system in Pocheon City, Sanjeong Lake
Gyeonggi Hanam city street light bi-directional switch
Hwaseong City street light distribution box and others
Electricity construction of Namyang district urban development project of Hwaseong city
Bi-directional street lamp for Masan City in Gyeongnam, security switch, bi-directional switch, etc.
Gyeongnam Sacheon City Terminal Terminal and others
Yangsan City, Gyeongnam Province
Gyeongnam Jinju city street light distribution box, connection terminal block etc.
Masan member of Changwon city, Gyeongsangnam-do security switch
Busan, Busan, Busan
Gangbuk Palgongsan Provincial Park Security Lights switch
Kyeongsan Development Corporation street lamp bi-directional switch, street light distribution box, etc.
Gwangju Metropolitan City street light distribution box and others
Ministry of Land, Transport and Maritime Affairs
Daegu Buk-gu street light distribution box and others
Daejeon electronic flicker, street light distribution box, etc.
Busan City Rural System, Simple Transmitter, Street Light, Wireless switch, etc.
Seoul Gangnam-gu street light distribution box, security light surveillance switch, etc.
Seoul Gangbuk-gu streetlight security light transmitter, street light distribution box, etc.
Seoul Gwanak-gu street light distribution box, security light surveillance switch, etc.
Seoul Geumcheon-dong street light distribution box, security switch, etc.
Seoul road establishment Gangseo road street lamp switch
Seoul Dobong security light surveillance switch
Seoul Jang-gu Street light branching box and others
Seodaemun-gu, Seoul Security light Electronic switch, security, etc. Two-way relay
Seoul Seocho security light switch, etc.
Seoul Seongdong-gu bidirectional control system, street light bi-directional switch, security light surveillance switch, etc.
Seoul Jongno-gu street light switch, etc.
Seoul Jung-gu security light electronic switch
Seoul Hangang Business Headquarters
Metropolitan area traffic headquarters street light bidirectional switch other
Ulsan city street light distribution box and others
Incheon Free Economic Zone Administration
Incheon city corporation street light wireless switch etc.
Incheon Dongbu Industrial Establishment Street light distribution box and others
Incheon Bupyeong District street light wireless switch
Incheon Facilities Management Corporation street lamp switch and others
Incheon Ongjin County street light bi-directional switch, backlight monitor etc.
Incheon General Construction Headquarters, etc.
Incheon city bi-directional control system, Street light bi-directional switch, etc.
Jeonnam Naju City street light distribution box and others
Jeonnam Suncheon city street light distribution box and others
Jeonnam Yeosu City street light distribution box and others
Jeonnam Jindo-gun security GPS switch, street light distribution box, etc.
Jeonbuk Buan-gun street light distribution box and others
Water supply and drainage project in Iksan City, Jeonbuk
Jeonbuk Jangsu gun security light bi-directional switch etc.
Jeonbuk Jeonju city Deokjin-gu security GPS switch etc.
Jeju Jeju City Reward System, security light, wireless switch, etc.
Gongju, Chungnam security light wireless switch
Boryeong City Facilities Management Corporation in Chungnam Province
Chungnam Buk-gun street light distribution box and others
Electronic switch of security light of Seocheon gun, Chungcheongnam-do
Chungcheongnam-si Sejong City street light distribution box and others
Asan city security, street lamp, bidirectional switch, etc.
Chungnam General Construction Project Street light distribution box and others
Chungnam Cheonan city street light bidirectional, etc.
Taean County street light control system, street light bi-directional switch, street light distribution box, etc.
Chungbuk road management office connection terminal block etc.
Yeongdong-gun, Chungbuk street light branching box, Street light bi-directional switch, etc.
Chungbuk Provincial Army Streetlight, bi-directional, security, etc. Unit
Chungbuk Cheongwon-gun street light bi-directional, wireless type switch etc.
Chungbuk Chungju City security light wireless switch
Korea Rural Community Corporation Kangwon, Chungbuk, Jeonbuk area
Korea Industrial Complex Industrial Park street light distribution box and others
LH Gangnam area headquarters street light distribution box and others
LH Gyeonggi area Gwangmyeong station area district street light distribution box and others
LH Kyungnam street light bi-directional switch
LH Goyang security light electronic flicker
LH Gwangmyeong Soja District street lamp bidirectional switch
LH Gimpo Han River new city city-based project street lamp distribution box and others
LH Daejeon Doan residential land development business street lamp distribution box others
LH Dongtan street light distribution box and others
LH Busan Ulsan street light distribution box and others
LH Seoul area street light distribution box and others
LH Asan Baebang District street light bi-directional lounging monitor etc.
LH Paju City street light distribution box and others

2013~2016

Kangwon Gangneung city street light bi-directional switch
Kangwon Dongbu Local Forestry Streetlight Branch
Gangwon Yanggu-gun security light electronic GPS switch etc.
Gangwon Wonju city street light distribution box and others
Inje-gun, Gangwon street light distribution box, etc.
Kangwon Chuncheon City security light electronic GPS switch, street light distribution box, etc.
Gyeonggi-gun, Gyeonggi-gun Streetlight control system, Security surveillance switch, Wireless two-way surveillance flickering device, street light distribution box, etc
Gyeonggi Gyeonggi-do wireless remote bluetooth security etc.
Gyeonggi-city security GPS switch etc.
Gyeonggi-si connection terminal block, connection material, etc.
Gyeonggi Guri City and others
Gyeonggi-gun, Korea
Gimpo Park Management Office Bidirectional control system and others
Gyeonggi Namyangju city wireless two-way surveillance switch, security light electronic switch,
Seongnam, Gyeonggi-si, Korea Wireless two-way surveillance switch, Security light surveillance switch, etc.
Gyeonggi Suwon Educational Support Office Construction of electrical work for new construction in Seiryu kindergarten
Gyeonggi Suwon city street light bi-directional switch
Gyeonggi Siheung City Security etc. GPS switch etc.
Gyeonggi Ansan City street light circle system, sign, street light bi-directional flashlight, security light wireless switch etc.
Gyeonggi-do security GPS switch etc.
Gyeonggi Yangpyeong-gun street light distribution box and others
Gyeonggi Yeoju City Hall streetlight, security, etc. Bidirectional control system, etc.
Yeoncheon-gun, Gyeonggi-gun street light distribution box, connection terminal block
Gyeongin-si, Gyeonggi-si, Gyeonggi-si, Korea Wireless two-way surveillance flicker,
Uiwang city security light surveillance switch
Gyeonggi Icheon street light control system and others
Gyeonggi Paju City Clear Water Environment Project Team Wireless two-way surveillance switch, GPS security switch, etc.
Gyeonggi Pyeongtaek City street light radio, etc. Main surveillance switch, street light distribution box, etc.
Gyeonggi Pocheon security bluetooth switch etc.
Gyeonggi Hanam City street light wireless switch
Hwaseong City street light distribution box and others
Gyeonggi Construction Headquarters Street light distribution box and others
Gyeonggi-do construction company street light distribution box others
Gyeongnam, Geoje-si connection terminal block etc.
Gyeongsangnam-do Geochang-gun wireless two-way surveillance switch, security light surveillance relay switch,
Access terminal block of Sancheong-gun, Gyeongnam
Yangsan-si, Gyeongsangnam-do wireless two-way surveillance flicker, security, etc. Wireless one way, street light distribution box, etc.
Gyeongsangnam-Do
Gyeongnam Jinju city wireless two-way surveillance flicker, security, wireless unidirectional, street light distribution box, etc

Gyeongnam Development Corporation street light bi-directional switch
Wireless unidirectional switch of Mungyeong city, Kyungbuk province, etc.
Yecheon-gun, Gyeongbuk, Seoul, Korea
Ulleung County, Gyeongbuk Province
Air Force 10th Fighter Wing connection terminal block etc.
Gwangju metropolitan city street light radio, etc. Main surveillance switch, street light distribution box, switch, etc.
Ministry of Land, Transport and Traffic
Ministry of Land Transport and Transportation Seoul, Suwon District Street light distribution box and others
Gimpo city corporation security light bi-directional switch etc.
Daejeon city street light distribution box, security light bi-directional switch etc.
Busan City street light distribution box, wireless two-way surveillance switch, three-way streetlight bi-directional switch, etc.
Gangnam-gu, Seoul GPS security switch, wireless two-way surveillance switch, streetlight submariner etc.
Seoul Gangbuk-gu street light distribution box and others
Seoul Gangseo-gu street light distribution box, wireless one-way switch, etc.
Seoul Gwangjin-gu security light surveillance switch, wireless one-way switch, etc.
Electronic switch for security lamp of Geumcheon-gu, Seoul
Seoul Dobong-gu security light wireless unidirectional / surveillance flicker, street light distribution box, etc.
Seoul Dongdaemun-gu security light electronic GPS switch, street light distribution box, etc.
Seoul Dongjak-gu Wireless one-directional switch
Mapo-gu streetlight wireless switch in Seoul
Seodaemun-gu, Seoul security switch, etc.
Seongdong-gu streetlight subdivision in Seoul
Seoul Seongbuk-gu street light distribution box and others
Songpa-gu, Seoul security light electronic switch, etc.
Seoul Yangcheon-gu security GPS switch etc.
Seoul Youngdeungpo-gu street light distribution box, connection terminal block etc.
Seoul, Yongsan-gu, Seoul, Korea
Seoul Eunpyeong-gu security switch, wireless unidirectional
Wireless unidirectional switch for Jongno-gu, Seoul
Seoul Jung-gu security light wireless unidirectional / surveillance flicker, sign, street light distribution box etc.
Wireless unidirectional switch, street light distribution box, etc.
Sejong City security light bi-directional switch, security relay switch, etc.
Incheon city corporation street light wireless switch etc.
Incheon Facilities Management Corporation street lamp bidirectional flicker
Incheon Ongjin County street light radio, etc. Main surveillance switch, street light distribution box, etc.
Incheon General Construction Headquarters streetlight lighting system and others
Incheon City security light wireless switch, streetlight bidirectional switch, etc.
Incheon Facilities Management Corporation street lamp bidirectional switch
Jeonnam Suncheon city street light distribution box and others
Jeonnam Yeosu city street light distribution box connection terminal block etc.
Jeonnam Wando Community Connection Terminal and others
Jeonnam Development Corporation Street light, etc. Main surveillance device, security GPS switch, etc.
Jeonbuk Gimje City street light distribution box, street light wireless, etc. Main monitoring switch
Jeonbuk Road Management Office street light bi-directional switch
Jeonbuk Iksan City security light wireless unidirectional / surveillance flicker
Jeonbuk Jangsu-gun street light distribution box, street light wireless, etc. Main monitoring switch
Jeju-si junction terminal, security switch, street lamp subdivision, etc.
Chungnam Girls' Middle School
Gongju city street light street bi-directional switch, branch additional switch
Jungsan-gun, Chungnam-gun, Korea
Nonsan City street light branch distribution box, connection terminal block etc.
Baekje Cultural Complex Management Office, Chungnam Busan street light bi-directional switch
Boryeong-si Cultural Sports Management Office, Chungnam Security light switch
Chungcheongbuk-gun Busan street light distribution box, Street light wireless etc. Main surveillance switch (all-in-one), etc.
Chungnam Seosan City street light distribution box and others
Chungnam Seochun-gun Future Strategy Project Team Security Automatic (Electronic) switch
Asan City street light, bilingual control system program (Linux)
Chungcheongnam-do security switch and others
Chungnam General Construction Office Street light distribution box and others
Jincheon-gun, Chungcheongnam-do
Chungnam Cheonan city security light electronic GPS etc.
Chungang-gun, Chungang-gun
Taean-gun, Chungcheongnam-do street light bi-directional switch, Street lighting / streetlight / security, etc.
Chungbuk Goesan-gun office street light distribution box and others
Chungbuk Geumsan-gun street light distribution box and others
Wireless two-way surveillance flicker, sign, security light wireless unidirectional, street light distribution box, etc.
Okcheon-gun, Chungbuk, Korea
Chungbuk Jecheon City street light distribution box, street light wireless switch, security, etc. GPS switch
Chungbuk Gepyeong-gun street light distribution box and others
Chungbuk Jincheon-gun Street light distribution box
Cheongyang gun, Chungbuk security light switch, etc.
Chungwon-gun connection terminal and others
Chungbuk Chungju City Control System, etc.
Hanam City Corporation street light distribution branch and others
Korea Rural Community Corporation Gangwon (Wonju) streetlight subdivision and others
Korea Rural Community Construction Strengthening Street Light Branch
Korea Rural Community Corporation Gyeonggi Province Ganghwa branch office street light distribution branch and others
Korea Rural Community Corporation Yangpyeong street light bi-directional switch
Korea Rural Community Corporation Jeonbuk, Sunchang street light distribution box, etc.
Korea Rural Community Corporation Jeonbuk, Iksan Branch street light bi-directional switch
Korea Industrial Complex Industrial Complex (Asan Complex) Street light distribution box and others
Korea Water Resources Corporation Street light distribution box and others
LH Kyungnam street light bi-directional switch
LH Goyang Samson District Security switch
LH Daejeon (Daedeok Innopolis) Street light distribution box and others
LH Sejong City street light distribution box and others
LH Chungra street light distribution box and others
LH Gyeonggi Area Headquarters Street light distribution box and others
LH Goyang Project Team Wireless Two-Way Surveillance switch
LH Gwangju Jeonnam area headquarters street light distribution box and others
LH Daejeon Chungnam Regional Headquarters street light bi-directional switch
LH Busan Ulsan area Street light bi-directional switch, street light submini
LH Seoul area headquarters wireless two-way surveillance switch
LH Sejong City Business Division Wireless two-way surveillance switch, security light wireless one-way, street light distribution box, etc.
LH Yangzhou Business Division Wireless two-way surveillance switch
LH Cheongra Yeongjong Business Division Wireless two-way surveillance switch
LH Henan Business Division Wireless two-way surveillance switch
Korea Environment Corporation East area headquarters of Seoul metropolitan area
Hwasung City Corporation street lamp sub-branch and others

Control System Flow Chart

Streetlight Control System Screen

Streetlights Monitoring History

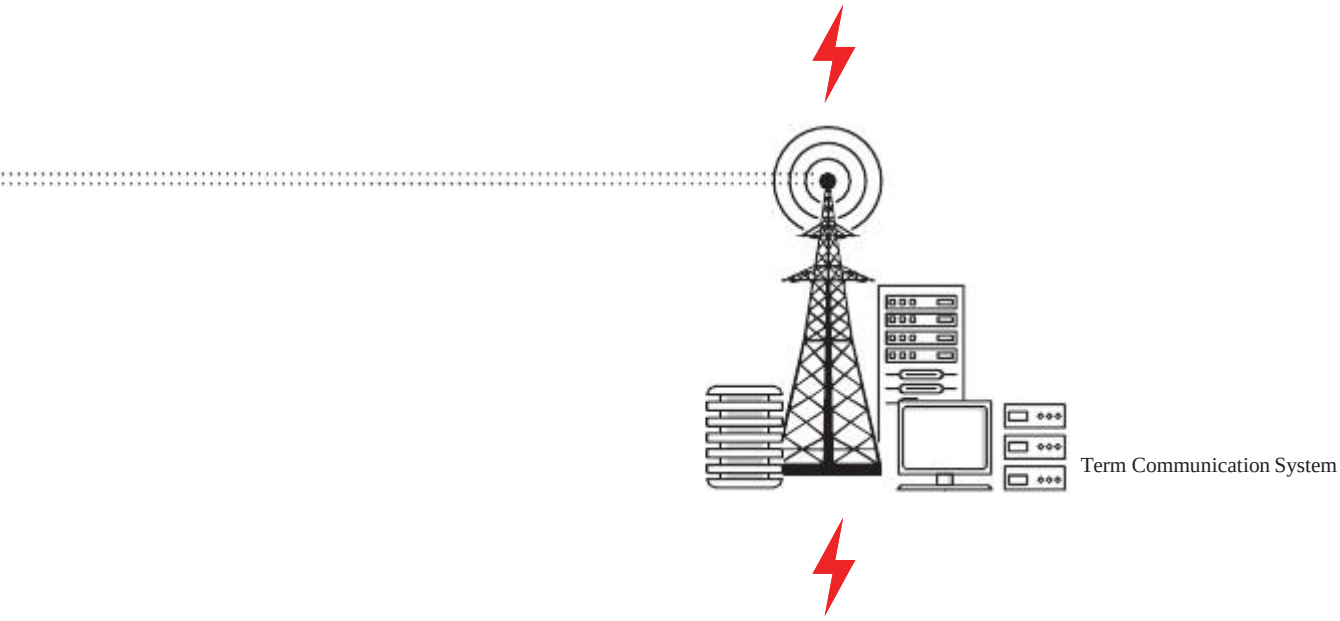
Distribution box Image

Bidirectional Control System

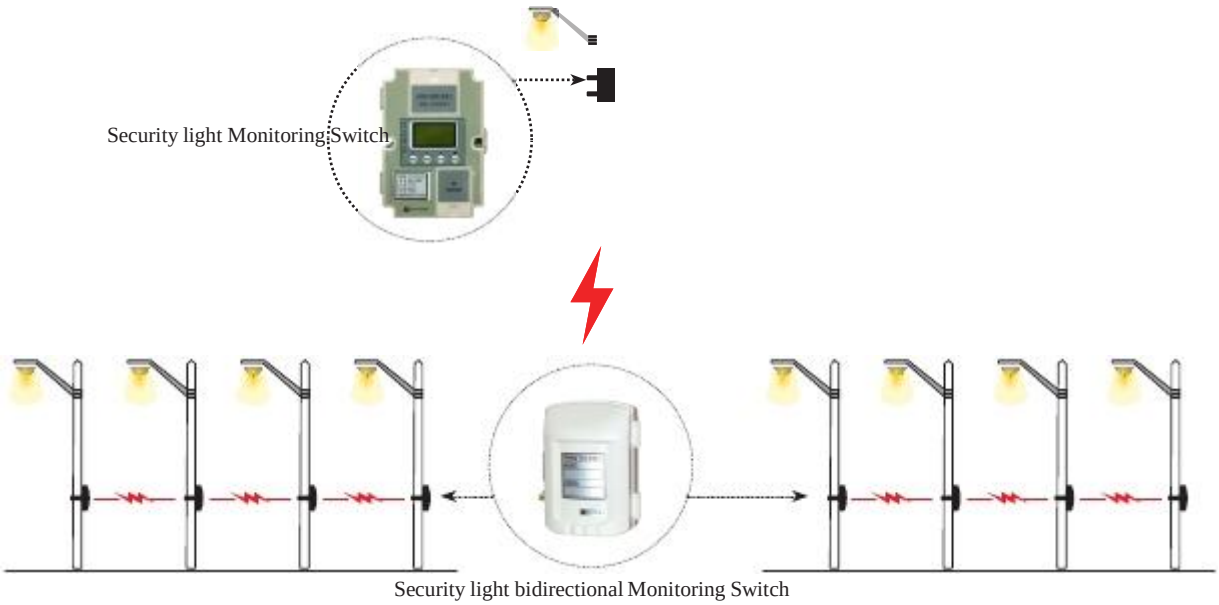
Control / Monitoring

Mobile Control System

[Street light Monitoring Control]



[Security light Monitoring Control]



GMC-300S 20922445

Street lights/Security lights monitoring & control system

·Web based control system
·Search for the faulty power distribution box by the address location, name, telephone number
·Data base support for the information management of faults and facilities
·Real time report to the mobile terminals in case of emergency situation occurrence
·Apply Google map / OPEN API
·Database built up on the status of the reception and procession of civil petitions and maintenance materials management
·Provide mobile Web interface for smart phone users
·Monitoring/control function can be extended such as Park's light / Fountain / Pump area

Control Program : Web based intelligent control program

Wireless main control unit for street lights & security lights

·Wireless remote switching on/off control(for all or by groups)
·Operation data changeable remotely by RF
·Built-in sunrise and sunset time table and switching(Selectable automatic or manual operation)
·Configuration of wired and wireless relay network and system expansion by adding relay switches
·Available RS232 interface with central control system

Power Supply : AC 110/220V±10%, 60㎐	Transmission Frequency: 142.5125㎒~159.6875㎒
Power Output : 20W and less	Operating Temperature : -20°C~+50°C
Screen & input : LCD & Touch Screen	Size : W483×H177×D414(mm)

Urban image type – Street light Distribution box

·Stainless steel plate, Aluminum Material

·Three-dimensional, Strong, Tenderness, Semi-permanent, Environmentally friendly

·Improving the urban beauty with various colors

·Easy installation and cityscape by the environment-friendly design

·Adjustable height (NAGP-400SP)

NAGP-400SM

NAGP-400SP 21738213
NAGP-400SM 21609292
NAGP-400SMP 21738212

Power supply : AC220V ± 10%, 60Hz	Material : Stainless / Aluminum (Door)
Input side capacity: Demand Department Standard	Number of circuits : 4 basic circuits(2 circuits at all times / 2 circuits at sequential time)
Base : Holding Type(NAGP-400SP), Stand-alone Type(NAGP-400SM)	
Size : Holding Type H1250×W580×D340(mm) , Stand-alone Type H1600×W680×D400(mm)	

NAGP-400SP

Urban image type – Street light Distribution box

·Wireless remote control switch installable
·Suitable for the small space by the space efficient design
·Easy workability by securing the power cable inlet space
·Pedestrians safety secured by installing fixing bolts and hinges inside the power distribution box

Voltage : AC single phase 2 wires 220V	Material : Stainless steel / Aluminum
Number of circuits : 4 basic circuits	Size : H1600×W380×D370(mm)

FRONT

LEFT

RIGHT

BACK

GNR-400P 22182557

GNR-400MP 22182558

Safety Type Distribution box

·Cylindrical control box

·Strong, Semi-permanent

·Power failure display function and landscape lighting

·Consideration of pedestrian safety and convenience maintenance

Stand alone, One-side door(Slide type)	Power supply : AC220V ±10%, 60㎐
Material : Stainless	Input side capacity: Demand Department Standard
Number of circuits : 4 Phases	Size : H1950×Φ480(mm)

Image Type Distribution box

·Product diversity, Local uniqueness, Local publicity effect
·Indirect lighting and landscape image effect(NGP-400S)
·Ad Sticking prevention (use sticker prevention paint)
·Eco-friendly imaging based cover
·Sophistication of product

NGP-400S

GBK-400MP	22587697
GPS-200RT	22382649
NGP-400S	21547712
NGP-400SM	21609290

Power supply : AC220V ± 10%, 60Hz	Material : Stainless
Input side capacity: Demand Department Standard	Number of circuits : 4 Circuits
Base : Holding Type GBK-400MP/Stand- alone Type NGP-400S, GPS-200RT	
Size : GBK-400MP _ H1780×W550×D300 / GPS-200RT _ H1600×W630×D400 / NGP-400S _ H1100×W650×D350(mm)	

GBK-400MP

GPS-200RT

HaeNeul Pole-400 22961913
HNS-400 22959582

Structural Review

Pole type Distribution box

·Space-efficient design for small space
·Convenient construction and maintenance due to securing of lower entrance space, providing safety
·Unnecessary appearance improvement by using fixing bolt and hinge inside
·Two-tone painting of simple square design and sophisticated pattern
·Completion of structure review (12M)

Three-stage separation type	Voltage : AC single phase 2 wire 220V
Material : Stainless / Aluminum	Circuits : 4circuits
Size : H2100×W380×D370 (mm)	

Integrated Pole

Distribution box

DGP-400 23055065
DGP-400SG 23055575
ISP-ST 23055574

Eco-friendly streetlight controller box

·Made of stainless steel and eco-friendly synthetic wood material
·Improved urban beauty by combining classic images and simple modern images
·Slim type construction minimizes installation space to ensure walkway path
·Application of door open prevention device using magnetic

Material : Stainless / Synthetic wood	Input Capacity : Demand Department Standard
Circuit : Basic 4 circuits	Base : Holding type
Size : H1760×W350×D350(mm)	

NBTC-300 20921326

NBTC-01U 20931669

Bios-400B 22879025

Bios-400MBG 22975050

Security Light Automatic Switch

·Switching off while electric leakage occurring
·Protection of switching off and the period of time in the midnight
·Wireless control by simplified remote controller in the field
·Built-in power noise filter

Power supply : AC220V ±10%, 60㎐	Frequency Range : 311.0625㎒
Rated output : 220V/3A	Reception sensitivity : -75dBm or less
Fuse capacity : AC220V/ 10A	Operating temperature : -20℃ ~ +50℃
Size : H197×W135×D82(mm)	

Security Light Bluetooth Control Switch

·Wireless remote control in cooperation with smart control system
·Automatic switching on, off time setting and correction(smart phone)
·Controllable on the spot by using the corresponding apps (smart phone)
·On-site map display and controller registration (smart phone)
·Label number(management) setting (smart phone)
·LED display on the front cover
·GPS time correction function(Bios-400MBG)
·lamps/ballast classification fault judgment function(Bios-400MBG)

Power supply : AC220V ±10%, 60㎐	
BLE(Bluetooth Low Energy)4.1 Standard	
Smart phone OS version : Android 4.3 Jelly Bean and above	
Range : 2402㎒ ~ 2480㎒	Receiving sensitivity : -92.5dBm & low
GPS : u-Blo×7	Antenna : Chip Antenna(built-in)
Rated current consumption : 2.5W	Temperature : -20℃ ~ +50℃
Size : H227×W118×D98(mm)	

BMC-200-01 22065065
BMC-200-04 22813129
BMC-200S-01 22065066
BMC-200S-04 22813130
BMC-200U 22413731

BMC-200RC 20921323
BMC-200RCB 22182560

Security Light Monitoring And Control Switch

·Lamps/ballast fault detection function
·Wireless remote fault monitoring and control function
·Controller status LED display function
·Power failure notification function(BMC-200S-01)
·Permanent retention function for power failure compensation
·Operation status LED display and operation Key setting function

Frequency Range : 424.7125㎒ ~ 424.9500㎒	
Channel spacing : 12.5㎑, 20ch	Antenna : Helical(built-in)
Power supply : AC220V ±10%, 60㎐	Rated output : 220V/3A
Output : 10㎽ less	Reception sensitivity : -117dBm
Fuse capacity : AC220V/10A	Temperature : -20℃ ~ +50℃
Size : H206×W141×D92(mm)	

Security Light Monitoring Relay Switch

·LCD display and manual operation function
·Built-in rechargeable battery and charging function
·Permanent retention function for power failure compensation and final operation data

Frequency Range : 1900㎒ ~ 2200㎒(Network)	
424.7125㎒ ~ 424.9500㎒(Controller)	
Antenna : Dipole antenna & helical antenna(in external)	
Network : CDMA(3G)	Power : AC220V ±10%, 60㎐
Output : 10㎽ less(424㎒band)	Fuse : AC220V/10A
Temperature : -20℃ ~ +50℃	Size : H250×W150×D100(mm)

NBTC-300G 22582067
NBTC-300GU 22552515
BGC-100 21051541
BGC-100U 22413732

NBTC-400M 21809710

Security Light Switch(GPS)

·Monitors the status of GPS signal reception
·Permanent Power saving and data preservation function
·Setting function such as GPS time correction and reservation
·Operation status LCD display and operation KEY control
·Infrared(IR) port control and setting function(BGC-100)

GPS receive frequency 1575.42㎒	GPS : u-Blo×7
Antenna : Smart antenna	Power : AC220V ±10%, 60㎐
Output : 220V/3A	Fuse : AC220V/10A
Temperature :-20℃ ~ +50℃	Size : H197×W135×D82(mm)

Security Light Monitoring and Trouble Displaying Switch

·Wireless light control and operation data input with simple transmitter
·Fault detection function
·Operation status LCD display and operation Key control function
·Switch Status front LED window display function
·When the ballast or lamp fails, the auxiliary lighting LED function

Frequency : 311.0625㎒	Power : AC220V ±10%, 60㎐
Output : 220V/3A	Reception sensitivity : -75dBm or less
Fuse : AC220V/10A	Temperature : -20℃ ~ +50℃
Size : H227×W118×D98(mm)	

NBTC-300G

NBTC-400M

BGC-100

NBTC-400ML

BRC-100 20921325
BRC-100N 22061230

GRC-100 20921324

Wireless Security Light Switch

·Permanent retention function for power failure compensation and final operation data
·Operation status LCD display and operation Key control function
·Infrared (IR) port control and setting function
·Wireless remote light control and operation data change function
·ID setting and division control function

Frequency : 142.5125㎒ ~ 159.6875㎒	Antenna : Helical antenna(built-in)
Power supply : AC220V ±10%, 60㎐	Output : 220V/3A
Receive sensitivity : -117dBm or less	Fuse : AC220V/10A
Temperature : -20℃ ~ +50℃	Size : H206×W141×D92(mm)

BRC-100

BRC-100N

Wireless Streetlight switch

· ID setting and division control function
· Wireless remote point / light control function and operation data change function
· Wireless remote and GPS(optional) time correction
· Permanent power saving and last operation data permanent preservation function
· LCD liquid crystal display and manual operation function
· Additional individual ID setting function for fountain and special illumination facility

Frequency : 142.5125㎒ ~ 159.6875㎒	
Antenna : Helical antenna	Power : AC220V ±10%, 60㎐
Receive sensitivity : -117dBm	Fuse : supply 10A, output 5A
Temperature : -20℃ ~ +50℃	Size : H195×W145×D85(mm)

KS CE GD Seoul Excellent Design V-CHECK Green Tech. Certification Software Quality(GS) Excellent Design

GMC-200	20921320
GMC-200L	22423332
GMC-200S	21265795
GMC-200N	22327209
GMC-200N-04	22327207
GMC-200SN	22327208
GMC-200SN-04	22327206
GMC-200NK	22739123
GMC-200M	22813128
PMC-200	21609293

Streetlight Monitoring and Control Switch

·Monitoring of distribution box and streetlight condition and notification of control
· Permanent power saving and last operation data permanent preservation function
·LCD liquid crystal display and manual operation function
·Built-in secondary battery and charging function
·Individual lap control and monitoring function (GMC-200SN)
·Control of individual flicker through communication network
·Data reception, correction, and checking function using a communication network
·Magnet(4 contact points) Individual control and reservation time setting function (GMC-200N / SN)

Frequency : 800㎒ ~ 2200㎒(network)
424.7125㎒ ~ 424.9500㎒ or 2.4㎓ (Zigbee)individual controller
Antenna : Dipole antenna & Helical antenna
Term network : CDMA(3G)
Fuse : AC220V / 1A
송신출력 : 10㎽이하(424㎒ 대역)
사용온도 : -20℃ ~ +50℃
Power supply : AC220V ±10%, 60㎐
Size : H200×W150×D105(GMC-200N/SN)
H250×W150×D100(GMC-200/S)(mm)

GMC-200

GMC-200N

GMU-01SR	21914155
GMU-02SR	21914156
GMU-01Z	22587698
GMU-02Z	22587699
GMU-01SCR	21914157
GMU-02SCR	21914158

Wireless Street Light Monitoring and Switching controllers (Integral Type)

· Individual ID setting function using infrared (IR) port
· Wireless remote control individual point light control and setting function
· Individual streetlight lane current status monitoring function
· Fault detection function
· LED display function (output, fault)
· Bolt (hexagonal) tightening power connection and separation is easy
· Dimming control function (option)

Frequency : 424.7125㎒ ~ 424.9500㎒ or 2.4㎓ Bandwidth(Zigbee)	
Channel spacing & channels : 12.5㎑, 20ch	
Antenna : PCB antenna(built-in) or Helical antenna(built-in)	
Power : AC220V ±10%, 60㎐	Rated output : 220V/3A
Trans. output : 10㎽ or less	Sensitivity : -117dBm
Fuse : AC220V/10A	Temperature : -20℃ ~ +50℃
Size : H176×W105×D51(mm), H311×W105×D63(mm)(Integral type)	

Wireless Street Light Monitoring and Switching controllers

Wireless Street Light Monitoring and Switching controllers (Integral type)

GBCT-01 21914236
GBCT-02 21914237

GBCM-01 22353456

Terminal Block

· Bolt (hexagonal) tightening power connection and separation is easy
· pole controller monitor power supply and appliance connection available
· Power input status(LED) display function
· Separation function for measuring insulation resistance

Rated current : 30A	Rated capacity : 1.2W
Rated breaking current : 2.5KA	Wire type : Single phase 2-wire
Waterproof grade : IP67	Size : W108×H135×D47.5(mm)

Terminal Connector

· Easy cable connection and easy measurement of insulation resistance

Rated current : 50A	Rated voltage : AC220V
Material : Synthetic material	Waterproof grade : IP67
Size : W56×H56×D64(mm)	

GBRC-100R 20921328
NBTC-300R 20921327

GBL-100 22815284
GBL-200 22815285

Street light/Security light Remote Controller

·Current time setting function
·Switch control and operation data input function
·Infrared (IR) port control and setting function

Frequency range : 142.5125㎒ ~ 159.6875㎒	
Antenna : Helical antenna(external)	Transmission output : 10㎽ or less
Infrared port : Built-in infrared	Battery : DC7.2V/900mA
Temperature : -20℃ ~ +50℃	Size : W84×H157×D30(mm)

Label

·Accessory of streetlight / security light Switches
·Registered in the control number management program of the label
·Possible to check the position of the Switch
·Prevention of blurring and erasure of printing using polyester labels
·Easy to install with easy structure

Size / Material
GBL-100 69.5×69.5mm/ 폴리에스터
GBL-200 110×150mm/ 스테인레스, UV인쇄

Intellectual Property Rights and various Certifications

Supervisory control system using security signal of 400MHz band

Streetlight control box monitoring system

Illumination light including fault indication

Management system and server for traffic signal controller

Monitoring and control system of road signs and traffic safety signs

Music output method and music box lighting device

Automatic switch and its control method

Intelligent control panel with display function

Trip notifying device of street light breaker

Security light switch to indicate fault condition

Multifunction Control Panel

Luminaire control device

Illuminated switch with dimming control function

switch with fault detection of lamp and ballast

Terminal with current, power and leakage current meter

Lighting lamp power line abnormality monitoring device

Green Technology certificate

Distribution boxes and others

Distribution box

GMC-200NK and others

GMC-200S, 200SN

GMC-300S

GMU-01SR, 02SR

GMU-01Z, 02Z

Street light switch box

Street light box

Street light switch box

Street Facilities Control Panel

Security light switch(BRC,BMC)

Security light switch(NBTC-400M)

switch light controller - Marble box

Switch light controller

Intellectual property rights and various certifications

KS certificate

ISO certificate

CE certificate

GS certificate

V-Check Certificate

Excellent group standard product certificate

Group standard certificate

INNO-Biz certificate

Electric goods safety certificate

2015 Gyeonggi Provincial public Facilities Excellent Design Certificate

2016 Seoul Excellent Public Design Certificate

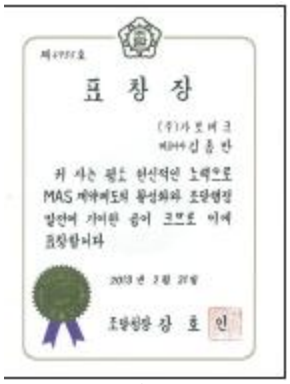
GD certificate

Program registrated certificate(GMC-300S and more)

Certificate of task distribution

Factory certificate

Korea trade association membership certificate



Award certificate -PPS

Honor of green certification – Ministry of Industry and Commerce

Award for Sincere Taxpayer – Gyeonggi Provincial Office

G-PASS company - PPS

Electrical work registration Certificate

Information communication Registration Certificate

Software business registration Certificate

Company affiliated research Institute certificate

Streetlight equipment

Landscape Lighting Fixtures

switchboard

Software Development

Automatic Switch

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