www.bonsys.co.kr

From Civil Services to Safety,
the Core of Kiosk Solutions

BONSYS TOTAL CATALOG

BONSYS

OUR SERVICE

Since its establishment in 2009, Bonsys Co., Ltd. has driven innovation
in digital administrative environments by providing a wide range of smart solutions,
including public civil-service issuance systems, kiosks, and IoT-based display equipment.
Guided by the belief that technology must serve people,
Bonsys goes beyond hardware manufacturing to focus on developing technologies
that enhance user convenience and deliver meaningful social value.

In an era of rapidly accelerating change, we recognize that the digital transformation of public services is no longer optional, but essential. Through continuous research and development and steady technological advancement,Bonsys strives to exceed customer expectations by building safer and more efficient digital environments.

Bonsys' vision is clear.
To lead emerging technologies and shape the future of digital administration in Korea.
To contribute to society through solutions where people and technology work in harmony.
To grow alongside our customers as a trusted and reliable partner.

Together with all our employees, I reaffirm our commitment to our role as a responsible technology-driven enterprise. We will continue to develop products and services for a better tomorrow, responding to real needs in the field and turning innovation into practice, in order to earn and uphold the trust of our customers.

We appreciate your continued interest and support.
Thank you.

R&D and Manufacturing Company

Family-Friendly Company

Design Excellence Company

Technology Excellence Company

CONTENTS

BONSYS HISTORY

2009 — 2013

Foundation & Building a Technology Base

Established Bonsys Co., Ltd. (manufacturing, wholesale/retail, software development)

Developed the Automatic Document Binding Machine (BON-1000)

Developed integrated civil document issuing system (HW/SW)

Developed Braille display SDK for the visually impaired

Obtained BMT certification for fingerprint ID verification

Registered manufacturing plant under national regulations

Registered Korea's first color civil document issuer (BON-7000S) for public procurement

Obtained Venture Company Certification

Registered the BONSYS trademark

Established Corporate R&D Center and obtained ISO 9001

Registered a patent for the Automatic Ceremony/ Condolence Payment Collection System and Method

Won Gold & Silver Awards at SIIF 2013

2014 — 2018

Product Diversification & Technical Competitiveness

Developed large waste disposal reporting kiosk

Selected as Promising SME of Cheongju

Completed and relocated to Seonghwa-dong HQ & factory

Obtained Inno-Biz certification

Developed and supplied slope collapse detection system for Korea Expressway Corporation

Obtained Family-Friendly Company certification

2019 — 2023

Sustained Growth & Business Expansion

Received Korea Service Quality Certification

Signed a non-face-to-face medical device sales agreement with Aha Information & Communications

Registered domestic, Japanese, and Chinese patents for the Seal (Stamp) Image Acquisition Device

Obtained Main-Biz (Management Innovation SME) Certification

Registered a joint patent with the Korea Expressway Corporation for the Slope Collapse Detection System

Received Disaster Safety Certification from the Ministry of the Interior and Safety for the A system for detecting slope collapse (BON-100S)

Obtained certification as a Specialized Materials, Parts, and Equipment Company

Received the Gold Prize at SIIF 2022 (Seoul International Invention Fair) for the Stamp Scanner BS1

Developed Braille Keypads for the visually impaired (6-key, 12-key, 24-key models)

Developed an 8-cell Braille Monitor

2024 — Present

Advancing Technology & Expanding Globally

Selected for public-service IT utilization project (Chungbuk Institute of Science & Technology)

Participated in Vietnam TECH FEST as a Cheongju outstanding company

Participated in Mozambique AFIS ODA project

Developed BS10 seal (stamp) scanner

Developed the Wedding Photo Kiosk

Launched new models of the Integrated Civil Document Issuer (BON-7100S, BON-6100K)


기업부설연구소 인정서

제 2012112933 호

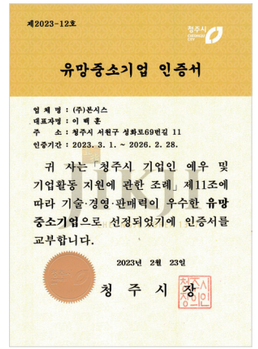
1. 연 구 소 명 : (주)본시스 기업부설연구소
[소속기업명 : (주)본시스]
2. 소 재 지 : 충청북도 청주시 서원구 성화로69번길 11
1층 (산남동)
3. 신고 연월일 : 2012년 03월 02일
(최초인정일 : 2012년 3월 27일)

과학기술정보통신부

「기초연구진흥 및 기술개발지원에 관한 법률」 제14조의 2제1항 및 같은 법 시행령 제27조제1항에 따라 위와 같이 기업부설연구소로 인정합니다.

2024년 3월 13일

한국산업기술진흥협회장


제2023-12호

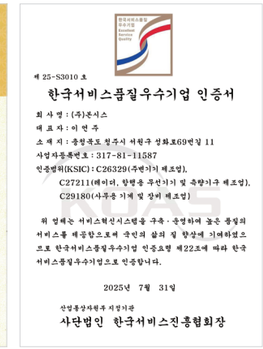
유망중소기업 인증서

업 체 명 : (주)본시스
대표자명 : 이 병 훈
주 소 : 청주시 서원구 성화로69번길 11
인증기간 : 2023. 3. 1. ~ 2026. 2. 28.

귀 사는 「청주시 기업인 애우 및 기업활동 지원에 관한 조례」 제11조에 따라 기술·경영·판매력이 우수한 유망중소기업으로 선정되었기에 인증서를 교부합니다.

2023년 2월 23일

청 주 시 장


제 25-S3010 호

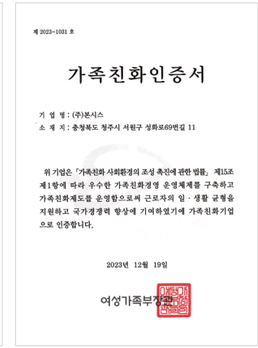
한국서비스품질우수기업 인증서

회 사 명 : (주)본시스
대 표 자 : 이 병 주
소 재 지 : 충청북도 청주시 서원구 성화로69번길 11
사업자등록번호 : 317-81-11587
한국표준산업분류(KSIC) : C26329(측량기기 제조업),
C27211(에어컨, 항법용 무선기기 및 측량기구 제조업),
C29180(사무용 기계 및 장비 제조업)

위 업체는 서비스품질우수스템을 구축·운영하여 높은 품질의 서비스를 제공함으로써 국민의 삶의 질 향상에 기여하였으므로 한국서비스품질우수기업 인증요령 제22조에 따라 한국서비스품질우수기업으로 인증합니다.

2025년 7월 31일

산업통상자원부 지정기관
사단법인 한국서비스진흥협회장


제 2023-1001 호

가족친화인증서

기 업 명 : (주)본시스
소 재 지 : 충청북도 청주시 서원구 성화로69번길 11

위 기업은 「가족친화 사회환경의 조성 촉진에 관한 법률」 제15조 제1항에 따라 우수한 가족친화경영 운영체계를 구축하고 가족친화제도를 운영함으로써 근로자의 일·생활 균형을 지원하고 국가경쟁력 향상에 기여하였기에 가족친화기업으로 인증합니다.

2023년 12월 19일

여성가족부장관

Corporate Certifications & Registrations

Category	Certification / Registration No.	Issuing Authority	Initial Certification Date
Manufacturing Plant Registration	26329, 29180, 27211	Korea Industrial Complex Corp. (KICOX)	2010. 09. 17.
ISO 9001	No. 12-A-0738 Rev.0	ITQA	2012. 09. 20.
Corporate R&D Center	No. 2012112933	Korea Industrial Technology Assoc. (KOITA)	2015. 03. 06.
Venture Company Certification	No. 20150101515	Korea Technology Finance Corp. (KOTEC)	2015. 03. 09.
Promising SME of Cheongju	No. 2016-2	Mayor of Cheongju	2016. 02. 01.
Inno-Biz Certified Company	No. 170901-00050	Ministry of SMEs & Startups	2017. 01. 16.
Family-Friendly Company	No. 2018-0098	Ministry of Gender Equality & Family	2018. 12. 18.
Korea Service Quality Certified Company	No. 19-S1021	Korea Association for Service (KOAS)	2019. 07. 31
Main-Biz (Management Innovation SME)	No. 210901-00686	Ministry of SMEs & Startups	2021. 04. 08.
SME Confirmation Certificate	0010-2025-234155	Ministry of SMEs & Startups	2016. 04. 01.

Intellectual Property Holdings

Type	Registration No.	Invention Title	Registration Date
Patent	10-1090036	Braille Certificate Issuing System	2011. 11. 30.
Patent	10-1080017	Unmanned Civil Document Issuing Device for the Visually Impaired	2011. 10. 31.
Patent	10-1072821	Automatic Document Binding Machine Usable with Different Types of Printers	2011. 10. 06.
Patent	10-1177118	Automated Ceremony/Condolence Payment Collection System & Method	2012. 08. 20.
Patent	10-1457369	Dual-Sided Integrated Document Issuer	2014. 10. 28.
Patent	10-1480326	Kiosk Device and Screen Operation Method for Persons with Disabilities	2013. 06. 07.
Patent	10-1458873	Multifaceted Kiosk	2014. 10. 31.
Patent	10-1677202	Document Issuing Device with Anti-Forgery Protection	2016. 11. 11.
Patent	10-1803357	Authentication Device Equipped with Multi-Directional Output Mechanism	2017. 11. 24.
Patent	10-12127147	Seal Image Acquisition Device with Enhanced Sharpness and Cushioning	2020. 06. 22
Patent	10-2726150	Touch-Type Door Lock for the Visually Impaired	2024. 10. 31.
Patent	10-2861003	Seal (Stamp) Scanner	2025. 09. 12.
Patent	10-2867644	Photo Kiosk	2025. 09. 29.
Patent	7131853	Seal Image Acquisition Device (Japanese Patent)	2024. 08. 29.
Patent	14223240	Seal Image Acquisition Device (Chinese Utility Model)	2021. 09. 21.

Disaster Safety Smart Warning Systems

From early detection to rapid response, smartly

Unpredictable natural disasters and hazards at industrial sites continue to highlight the critical need for real-time response systems across society.
Our disaster-safety solutions are built on advanced sensor technologies and real-time monitoring systems to detect potential risks at an early stage and minimize damage through fast, clear alerts.
These solutions can be applied across diverse environments, including public infrastructure, industrial sites, and construction areas,and enable rapid response through automated warnings, integrated control, and real-time notifications.

A system for detecting slope collapse

The A system for detecting slope collapse is a disaster-prevention solution that detects abnormal ground conditions, such as landslides, falling rocks, and slope collapses, in real time and immediately issues alerts. Underground-installed three-axis ground-displacement sensors detect early warning signs and transmit data in real time to a central control system. Installed in high-risk areas nationwide, including major highways, national roads, and retaining walls, the system provides real-time warnings to relevant personnel during disasters, helping minimize secondary damage and strengthen the disaster-response capabilities of local governments and public institutions.

- Real-time detection of ground subsidence & collapse risks
- Multi-sensor precision analysis
- Integrated control-center monitoring
- Multi-channel alerts (event-based SMS)
- Proactive response to heavy rain & disasters

Emergency Collision Warning system

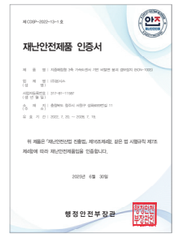
The Intrusion Alert System is designed for road maintenance, debris removal, and similar operations where certain road sections must be secured during active traffic conditions. When a vehicle unlawfully enters a work zone and strikes a sensor-equipped signal baton, the intrusion is detected in real time. Warning lights and sirens are immediately activated at on-site receivers, allowing workers to evacuate quickly and safely.

- Multi-hazard detection (fire, gas, falling objects)
- Real-time alerts for workers & managers
- Multi-channel alerts (lights, voice, mobile)
- IoT-based integrated monitoring & logs
- Accident prevention & worker safety

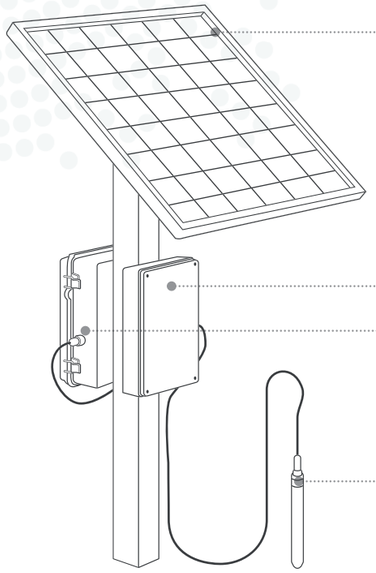
A system for detecting slope collapse

Disaster Safety Smart Warning Systems

the A system for detecting slope collapse detects collapse risks in everyday environments such as road cut slopes, residential retaining walls, and embankments, where failures are more likely during thawing periods or the rainy season, helping to minimize casualties. The system consists primarily of wireless slope-inclination sensor terminals and nodes, a Remote Radio Gateway (RRG) with integrated control functions and communication modems, and solar power units, all of which are monitored and managed through the supervising authority's server system.



A system for detecting slope collapse Hardware Configuration



Solar Power System

- Most slope-collapse risk areas lack continuous main power
- Developed an optimized solar power system
- Designed to operate normally for up to 30 days without sunlight

Remote Wireless Gateway

- Transmits data collected from sensor terminals to the server
- Supports uplink communication via CDMA, WCDMA, LTE, and LoRa networks - Downlink communication via LoRa

Sensor Terminal BON-100S

- Equipped with a standard LoRa chip
- Real-time transmission of measurement data via LoRa uplink
- Supports distances of up to 1 km from the gateway

Sensor Node

- X/Y/Z 3-axis sensors for tilt, acceleration, impact & displacement
- IP68 waterproof, smart design & underground installation

Target Applications & Utilization

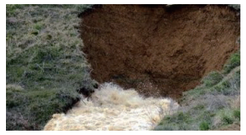
- Post-event detection & remote monitoring for KEC slope projects
- Expansion into safety management for SOC facilities (dams, tunnels, bridges)
- Early commercialization via G2B registration for public projects
- Public-sector market entry & trust building
- Demand creation via exhibitions & trade fairs

Expanded Deployment to Disaster-Vulnerable Facilities

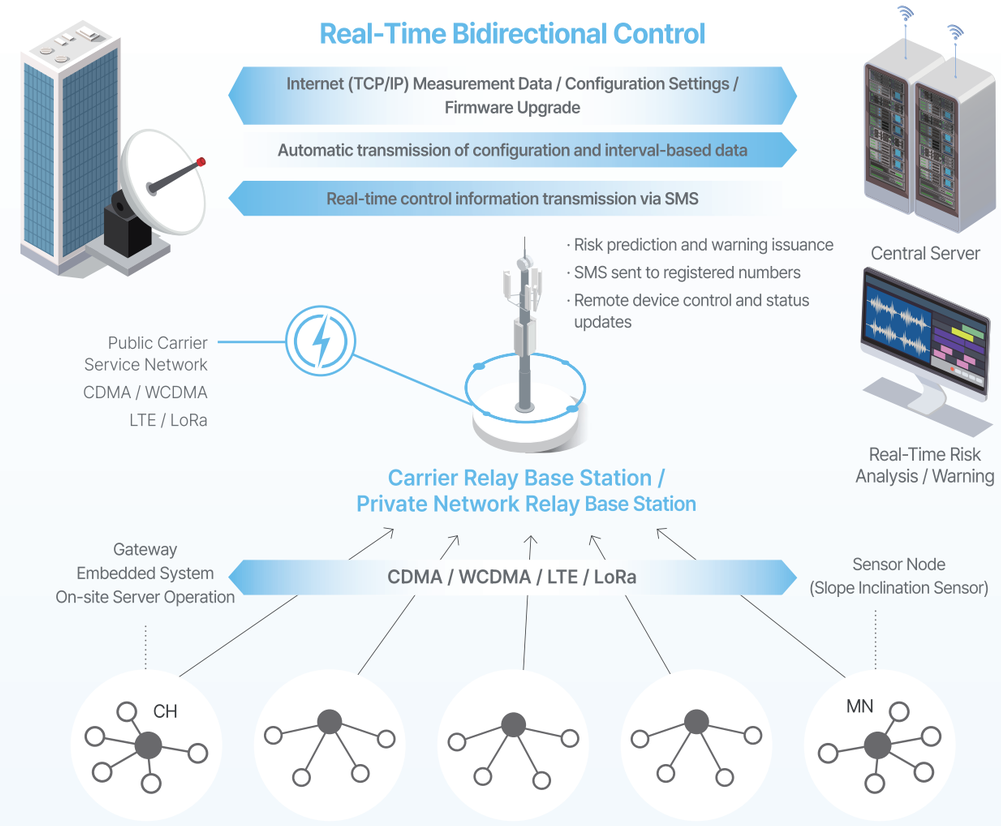

Steep roadside slopes


High-risk bridges & structures


Urban retaining walls & embankments


Reservoir & levee embankments

A system for detecting slope collapse Network Configuration



· LoRa communication between sensor nodes (terminals) and relay stations (low power consumption, long-range mesh network)

· The remote wireless gateway (relay) communicates via LTE modules and uses LoRa communication with sensor terminals

· Real-time situation analysis using public carrier service networks

Product Specifications

Category	Detailed Specifications	
Gateway BON-100S	· Uplink: LTE or LoRa communication (Gateway) · Downlink: LoRa communication · DRAM Cortex A9, Cache: 256KB L2 CPU · Memory: 4 MB DDR3	· LoRaWAN 1.0.2 or IEEE 802.15.4e MAC, RIT supported · IP65 waterproof certification · Aggregates and analyzes slope sensor-node data, then transmits to server · Antenna
Sensor Terminal BON-200G	· LoRa RF Module · LoRaWAN 1.0.2 or IEEE 802.15.4e MAC, RIT supported · AES-128 encryption supported · Frequency: 902-958Mhz	· Data Rate: 0.3Kbps~50Kbps(GFSK) · Max Current: 30~40mA(TX),10mA(Listen), 2~4uA(Sleep) · Antenna
Measure-ment Node	· 3-axis sensors (X, Y, Z): displacement, impact, and moving-average measurement · IP68 waterproof certification; underground installation · Smart functions (periodic transmission and event-based data transmission)	
Solar Power System	· Gateway: 45 W or higher · Sensor terminal: 30 W or higher · Input: DC stabilized power · Output: DC supply ±1.0 V	· Charging voltage: DC ±0.5 V · Overcharge protection voltage: input voltage ±0.5 V · Operates normally for up to 30 days without sunlight
Server System	Data collection and storage: big-data management Multi-level notification based on collected data values: Interest / Caution / Warning	
EMI	R-RMM-bon-BON-100S	

Installation Cases


Sensor Terminal


Sensor Nodes

Emergency Collision Warning system

Disaster Safety Smart Warning Systems

The Emergency Collision Warning system is a safety device installed at work zones where roads are temporarily closed for operations such as road maintenance or the removal of animal carcasses and fallen objects. Sensor-equipped signal batons are mounted on rubber cones or operated by flaggers. When a vehicle, due to inattentive or drowsy driving, collides with a sensor-equipped cone in the restricted area, warning lights and audible sirens are immediately activated at on-site receivers, alerting workers to the hazard and enabling prompt evacuation to ensure their safety.

Product Configuration

1 SET five signal batons, one portable receiver; expandable

Key Functions

1. Detect intrusions in restricted zones and transmit data via signal-baton sensors
2. Trigger emergency alerts manually using the signal button on the baton when operated by a flagger
3. Activate warning lights and sirens at the receiver to alert workers and enable evacuation

Signal Baton Sensor

- Detachable/attachable to standard roadwork rubber cones and remains secured against external force
- Configurable for mounting on rubber cones or direct use by a flagger, with emergency button support

Signal baton with integrated sensor and antenna

Portable Receiver

Supports data transmission and reception after synchronization with sensor units

Product Specifications

Category		Detailed Specifications
3-Axis Sensor Integrated Signal Baton BON-310S		Fixed to rubber cones in restricted work zones for unmanned operation. When used by a flagger, emergency situations can be reported via the signal button, transmitting data to the portable receiver and activating warning lights and sirens in the work area.
Portable Receiver BON-300E	Signal Horn	Activates warning lights and dual sirens (100 dB or higher) upon intrusion detection
	Charger	Battery charging device for use before and after operation
	Battery	Rechargeable 12V 40Ah battery; full charge required before operation; 220V charging supported
	Receiver Enclosure	Waterproof enclosure for the receiver unit
	Mobile Wheels	Urethane wheels supporting up to 210 kg, ensuring easy mobility
EMI		R-RMM-bon-BON-300E

Installation Cases

Kiosks (Barrier-Free)

Smart administrative and daily-life services, easy and accessible for everyone

In today's advanced digital environment, public services are evolving beyond simple information delivery into "inclusive experiences" that all citizens can access without barriers. Our Barrier-Free Kiosk solutions are next-generation unmanned civil-service and information systems designed with diverse usage environments and accessibility needs in mind. Equipped with intuitive user interfaces, assistive features for users with visual, hearing, and physical impairments, high-resolution displays, and voice-guidance systems, these kiosks provide a public-service environment that users of all ages can navigate with ease. Applicable across public institutions, local governments, medical facilities, and cultural venues, they serve as a core smart-city infrastructure solution that maximizes operational efficiency and user satisfaction.

Integrated Civil Document Issuing Kiosk

The Integrated Civil Document Issuing Kiosk is an all-in-one civil-service kiosk that enables users to issue a wide range of official documents, including resident registration certificates, family relationship certificates, and tax payment certificates.
Its interactive screen interface and voice-guidance functions allow elderly users and digitally vulnerable groups to use the system with ease, while ergonomic design ensures accessibility for wheelchair users. Real-time system integration enables accurate data retrieval and document issuance, significantly improving administrative efficiency.

Large Waste Disposal Reporting System

The Large Waste Disposal Reporting System is a service kiosk that allows residents to easily report, pay for, and dispose of bulky household waste such as furniture and appliances through a fully non-face-to-face process. By following on-screen guidance, users can select disposal items and collection schedules, complete payment, and immediately receive disposal stickers for waste placement. For administrative agencies, the system shortens processing times and supports transparent, efficient resource and waste management.

Photo Kiosk

The Photo Kiosk is a self-service photo-printing system that supports various photography and printing needs, including passport photos, ID photos, and commemorative images.
Equipped with a high-resolution camera and professional-grade lighting system, it enables users to capture high-quality images with ease. Simple touch controls allow photos to be printed instantly in the desired format, providing a fast, safe, and convenient self-service photography environment suited to the non-face-to-face era.

Barrier-Free

Kiosks(Barrier-Free)

Designed with a barrier-free approach incorporating a Braille display and Braille keypad, the system enables visually impaired users to access public and daily services independently, while the combination of voice guidance and tactile interfaces enhances accessibility and ease of use, making it a reliable and inclusive smart kiosk solution suitable for public, medical, and cultural facilities.

Braille Display — Features & Functions

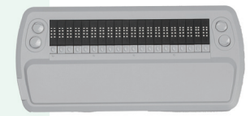
1. Compact 8-cell design, optimized for barrier-free applications
2. Available in modular form
3. Fast and clear braille output using verified KGS cell modules
4. USB-powered with a simple structure, minimizing failure points
5. Easy repair service supported by domestic technology and KC certification
6. Compatible with screen readers (computer)

- 8 braille cells
- Product Size: 105×100×35
  Module Size: 84×88×30
- Weight: 380g, 200g
- Interface: USB(2.0)
- Menu Navigation: Right scroll key

8-Cell Model
B08N

1. Ultra-lightweight and easy to operate
2. Fast, clear braille output using proven KGS cell modules
3. Smooth tactile feedback that reduces finger fatigue during extended use
4. USB-powered, simple design for high reliability
5. Domestic technology–based product with easy after-sales service, used in unmanned civil-service kiosks in Korea
6. Compatible with PC screen readers

- 20 braille cells
- Cursor Key: 20
- Weight: 280 g
- Interface: USB(2.0)
- Menu Navigation: Right scroll key



20-Cell Model
B20N

Braille Keypad — Features & Specifications

1. Designed in compliance with the Korean Braille Standard (0.6–0.7 mm dot height), optimized for barrier-free applications
2. Stainless steel construction to prevent deformation, supplied as a modular unit
3. USB-powered with a simple design for high reliability
4. KC certification obtained in Korea
5. Cost-efficient kiosk integration, eligible for NIA certification

BPAD-24K
- 24 keys: numeric, function, navigation (up/down/left/right), confirm & cancel
- Earphone jack and volume control hole provided
- Size: 206×90×31(W×H×D)

BPAD-12K
- 12 keys: numeric, confirm & cancel
- Earphone jack and volume control hole provided
- Size: 131×90×31(W×H×D)

BPAD-06K
- 6 keys: navigation (up/down/left/right), confirm & cancel
- Earphone jack and volume control hole provided
- Size: 114×68×31(W×H×D)

Integrated Civil Document Issuing Kiosk

Kiosks(Barrier-Free)

The Integrated Civil Document Issuing Kiosk enables automatic issuance of civil documents at city, county, district, town, township, and neighborhood offices. For user convenience and efficient maintenance, the front-access door allows easy replenishment of paper for the color laser printer and simple replacement of consumables for the integrated binding unit.

Color Civil Document Issuing Kiosk

1. Issuance of civil documents with color output
2. Built-in high-speed, high-quality color laser printer
3. Issued document scanning, verification, and storage
4. Forgery and tampering prevention
5. User-friendly UI
6. Compatible with a wide range of institutional and administrative systems

High-quality color issuance of civil documents, with QR and barcode verification to ensure document authenticity

Integrated scanning and storage linked to administrative systems, maintaining stable performance and reduced wait times even during high-volume processing

Color BON-7100S

Monochrome Civil Document Issuing Kiosk

1. Based on a high-speed monochrome laser printer
2. Optimized for large-volume civil document processing
3. Reduced consumable costs
4. Stable, high-durability issuing system
5. No-jam structure to minimize operational errors

High-speed issuance optimized for high-volume civil document processing, with simplified system configuration to minimize failures and ease maintenance

Cost-efficient operation through reduced consumable and maintenance costs, supported by a robust design for long-term stable use

B/K BON-6100K

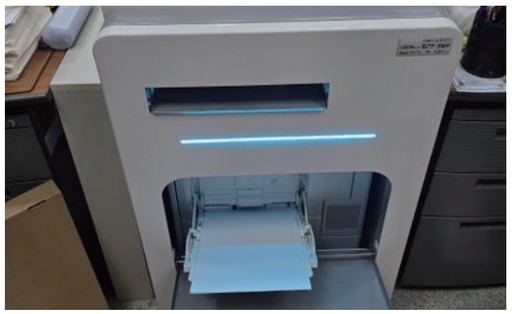
Integrated Civil Document Issuing Kiosk — Performance & Functions

- Self-diagnostics & settlement management
- Issuance statistics & fee calculation
- Document-mix prevention during concurrent printing
- Real-time verification through document issuance
- Issuance history & settlement status review
- Multi-user support on a single device

Product Specifications

Category	Component	BON-7100S	BON-6100K
H/W	Integrated Binding Unit	Public-use multifunction binding unit with binding and paper collation functions, featuring self-diagnostic capabilities including binding-staple status checks and paper shortage detection	
	Certificate Issuance Laser Printer	· Color / Mono LaserPrinter · Print Speed: 50PPM(A4)	· Mono LaserPrinter · Print Speed: 60PPM(A4)
		· Standard paper tray (500 sheets) + additional tray (500 sheets) / Manual feed tray (100 sheets) Built-in LAN card	
	CABINET	Dedicated manual-feed paper loading guide, door-type cabinet, power controller, cable duct	
	Cables & Accessories External LED Display	Various cables, connectors, and auxiliary components, Internal status display for authentication unit	
	Dimensions(H × D × W)	955mm × 761mm × 546mm	905mm × 751mm × 496mm
	Weight(Kg)	≤ 140Kg	≤ 120Kg
S/W	Binding Unit Control Module	· RS-232C Interface · Binding-status inspection · Collation / binding / output control	· Authentication unit power ON/OFF status check · Communication-cable connection status check
	Integrated Authentication Control Module	Authentication unit status LED display	
	Settlement Management P/G	· Daily / weekly / monthly issuance management and statistics · Settlement report output	
General Specs	Printer Control Module	Output content detection, residual paper detection	
	Power Supply	220V(50/60Hz)	
	Power Consumption	Standby: 95 W / Operating: 750 W	
	Operating Temperature / Humidity	5–35 °C / 35–65% RH	
	Installation Environment	Indoor	
	Procurement Classification No.	43211514	
	Item Identification No.	25885697	25965307
	EMI Certification No.	R-R-bon-BON-7100S	MSIP-REM-bon-BON-6000K

Installation Cases



Large Waste Disposal Reporting System

Kiosks(Barrier-Free)

The Large Waste Disposal Reporting System improves user convenience by allowing residents to report and issue disposal stickers for bulky waste through either a dedicated staffed terminal or a dedicated self-service kiosk, connected to the bulky-waste management server for accurate data entry and management.
Installed as an unmanned issuing device in public or designated locations, the system enables residents to directly issue required disposal stickers. Stickers can be issued 365 days a year, including nights and holidays, without visiting town or neighborhood offices. Submitted disposal data is transmitted to the responsible department in real time, enabling prompt collection, reducing inconvenience, and helping maintain clean streets.

Product Features

1. Uses dedicated sticker paper for bulky-waste disposal certificates
2. Continuous updates to road-name and lot-based address databases (including address conversion)
3. Rapid response and issue resolution through region-based maintenance providers
4. Nationwide call center support for issue reporting: 1577-3169

Unmanned Issuing Kiosk
for Large Waste Disposal
BON-8100A

Expected Benefits

User Convenience
- Sticker issuance on holidays and at night
- Credit card payment supported

Cleaner Streets
- Prevention of illegal dumping
- Reduced missed collections

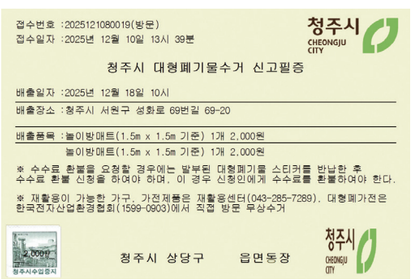
Faster Collection
- Real-time data transfer
- Easy sticker verification

Digital Management
- Full process digitalization
- Improved management efficiency

Product Specifications

Category	BON-8100A
PC	· CPU: i5, HDD: SSD 120GB or higher · RAM: 4GB or higher · Windows10, 11 or higher
LED Monitor Panel	· 32-inch wide LED or LCD, Touch monitor with bezel lighting (1 unit)
Printer	· Mono LaserPrinter using dedicated sticker paper · A4 paper, 500-sheet capacity (38 ppm)
Thermal Printer	· Receipt unit, 2-inch TPH thermal paper, auto-cutting
Credit Card Reader	· IC card and magnetic stripe card supported
Bill Acceptor	· Accepts KRW 1,000 / 5,000 / 10,000 bills (new and old) · Counterfeit detection; 500-bill stack capacity
Integrated Board	· Fee-device control (bill acceptor, bill dispenser, coin hopper) · Automatic power ON/OFF
Receipt	· One denomination of banknotes (KRW 1,000) and one denomination of coins (KRW 500), with storage capacity of 500 or more KRW 1,000 banknotes · Single type
LED Lamps	· LED indicators at four locations: bill inlet, receipt outlet, coin outlet, certificate outlet
Braille Keypad	· 24-key braille keypad
Braille Display	· 8-cell (piezoelectric type)
Earphone & Volume Control	· Earphone and volume control (volume resets when earphone is removed) · Adjustable volume
Voice Guidance	· Upper and lower speakers (detects wheelchair user presence)
Sensors	· Steel enclosure; finish and size (W × D × H)
CABINET (W × D × H)	· Within 500 × 732 × 1560 mm

Large Waste Disposal
Application Kiosk Guide Banner



Printed Output for Attaching Large Waste
Disposal Stickers

Digital Information Display

Kiosks(Barrier-Free)

The Digital Information Kiosk provides visual, touch-based access to information on key departments within a building, as well as promotional videos and announcements for various events.
With an integrated search function for additional information, it offers convenient usability for both users and administrators. The system can be customized to meet specific requirements and adapted into various configurations, including departmental directory systems, shared-seat reservation systems, and ticket-issuing kiosks.

Department Directory Kiosk
BON-5200D

Ticket Issuing Kiosk
BON-2000T

Information Kiosk
BON-5000

Shared Seating Kiosk
BON-5100D

Custom-built solutions

Intuitive touch UI

Smart information guidance

Photo Kiosk

Kiosks(Barrier-Free)

The Photo Kiosk allows users to capture event and commemorative photos using on-screen touch controls or operation buttons. Photos can be customized with background images, emoticons, and image adjustments, then printed in single-frame or four-frame formats, or sent via QR code to email. With an optional modular photo booth, the system provides a stable shooting environment suitable for event venues and promotional zones.

High-quality photo output

Automatic Shooting Optimization

Easy self-editing

Wedding Photo Kiosk
BON-PH01

Product Specifications

Category	Component Name	BON-PH01
H/W	Camera	· Canon EOS R10 (10–85 mm, F4.5–6.3 IS STM) · Wired remote shutter cable: 5 m (RS-60E3) Remote shutter release cable Canon
	Touch Monitor	· 43-inch touch monitor with three-color LED bezel lighting
	PC	· CPU: Intel i5 · Memory: 16 GB · Storage: 256 GB HDD · Graphics Card: RTX 3060 · OS: Windows 11
	Enclosure Lighting	· Lighting: 3 main lights + 1 spot light
	Kiosk Size	· 1760 × 500 × 600 mm (H × D × W)
S/W	Operation Program	· Supports horizontal 4-cut, vertical 4-cut, and compact vertical 4-cut formats · Built-in internal server program for the photo kiosk · Personal information consent function
	Environment Settings Program	· Photo background design registration and deletion · Emoticon registration and deletion
	Captured Image Management	· Configurable storage period for captured images

Product Features

1 Smart Photo KIOSK

- 48MP camera for passport photos, supporting print resolution up to 1800 DPI
- 12.1-inch color touch display with real-time preview
- Automatic camera height adjustment (elevating function) according to user height, with optimized lighting
- Dedicated lighting configuration for white background facial image capture
- Automatic ON/OFF function via user detection sensor
- Supports modular booth construction

2 Digital Photo Printer

- DNP dye-sublimation printer for high-quality image output
- Optimized for digital camera photos, passport (visa / ID) photos, and framed photo printing
- Can be installed inside the kiosk
- Resolution: 300 × 300 dpi
- Interface: USB 2.0
- Product Size: 322 × 351 × 281 mm (W × D × H)
- Print Size: 5 × 3.5 in (127 × 89 mm) to 6 × 8 in (152 × 203 mm)
- Output per Roll: 5 × 3.5 in: up to 700 images - 6 × 8 in: up to 350 images

3 Portable & Easy Photo Booth

- Mobile, modular photo booth
- Customizable image wall according to the event or venue purpose
- Dedicated lighting equipment for photo capture
- Fixed seating included
- Product Size: 1200 × 700 × 1900 mm (W × D × H)

Photo Kiosk
DCP-100

Photo Capture Workflow

Start | Select photo format | Capture 4 shots | Select background | Print photo

Product Specifications

Component Name	DCP-100
Camera	· 48-megapixel CMOS camera
Monitor	· 12.1-inch LCD touch monitor (1280 × 800)
PC	· Intel I3, DDR 8GB, SSD 128GB
Detection Sensor	· Maximum detection range: 1.5 m
Elevating System	· Helical gear mechanism
Lighting	· Wihte LED 114W, sensor switch
Product Size	· 324 × 400 × 703mm(W × D × H)
Power Supply	· 110/220 Free voltage

Installation Cases

Seal(Stamp) Scanner

Scanners & Hardware

The Seal(Stamp) Scanner is the smallest seal scanner available in Korea. Featuring a sleek design, it delivers high performance in financial service environments and is equipped with a high-quality pad that ensures accurate image capture for all types of seals.

Product Features

1. Accurate image capture regardless of stamping speed or pressure
2. Clearer images than traditional ink-based stamping
3. Clearer images than traditional ink-based stamping
4. Unaffected by residual ink from previous users
5. Easy cleaning with a dedicated cleaner when pads are contaminated
6. Patented high-durability pad for long service life
7. Upgradeable to high-performance fingerprint scanning in future expansions

BS 1

BS 10

Key Advantages of the Seal(Stamp) Scanner

1 Compatible with All Seal Materials

- Accurately scans seals regardless of material, including plastic, rubber, or wood
- Generates optimal images through precise output processing

2 Optimized for Financial Counters

- Stable design prevents shaking during stamping
- Even in the presence of ink residue, the seal cleaning pad unit enables 1:1 image scanning
- Supports customization optimized for customer-facing financial operations

Ink Stamping

Seal Scanner

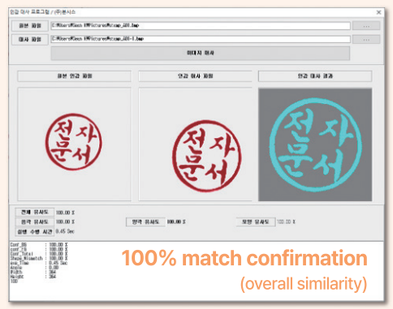
Product Specifications

Category	BS-1	BS-10
Sensing Area	≥ 30 × 30 mm	
Resolution	· 100, 200, 300, 400, 500 dpi · B/W, 16/256 Gray, 24bit Color	
Interface	USB 2.0 or higher supported	
Power Supply	USB BUS Power	
Scan Quality	Clear and accurate image capture with residue removal function	
Scan Method	Stamping on upper scanner pad	
Scan Target	Multiple types of seals (stamps)	
Scan Speed	Within 3 seconds	
Driver Support	· TWAIN, MS Windows 7, MS Windows 10, 64bit · Android 5.0 or higher	
Compatibility	Compatible with electronic form solutions	
Seal Pad	Composite pad (white)	Composite pad (red)
Dimensions (W×H×D) & Weight	54 × 44 × 105 mm 190 g	57 × 24 × 100 mm 167 g

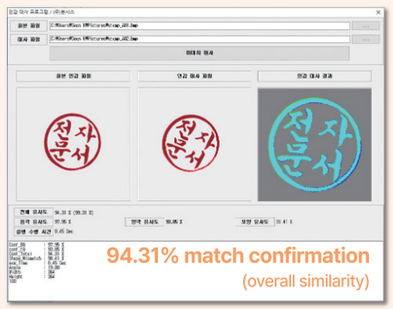
* PPR (Paperless & Process Reengineering)–Based Electronic Counter Solution
The Seal/Stamp Scanner is a PPR-based electronic counter device designed to improve branch operations and support paperless workflows.
Incorporating branch user feedback, it delivers a validated and reliable solution for electronic counter implementation.

Seal Verification Program

Comparison of identical seal images
(with positional differences only)



Comparison of similar but non-identical images



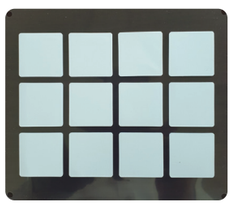
Blue-highlighted areas in the verification result indicate non-matching sections

※ A solution that compares the original seal image with the verification target image and expresses seal similarity as a numerical value (Sold separately)

Clients

Deployment: Utilized for paperless electronic contract workflows by financial institutions, including NH Bank, local agricultural cooperatives, Saemaeul Geumgo, Busan Bank, as well as savings banks, securities firms, and insurance companies

Seal(Stamp) Scanner Consumables



Seal recognition pad

dedicated cleaner

BONSYS TOTAL CATALOG

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BONsys

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