

2.4G Active Long Range RFID Reading System



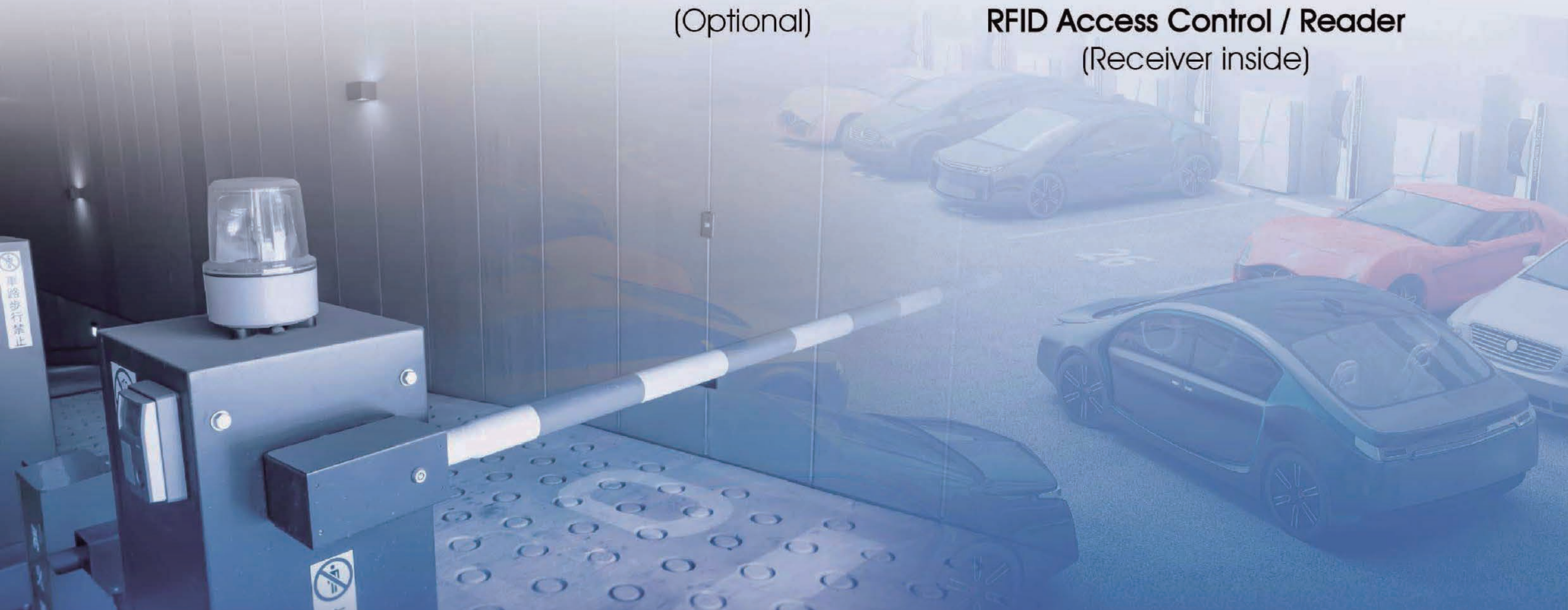
ON-P240
2.4G Active Card



ON-P5210
2.4G Reader
(Optional)



ON-P6750V
2.4G Active
RFID Access Control / Reader
(Receiver inside)



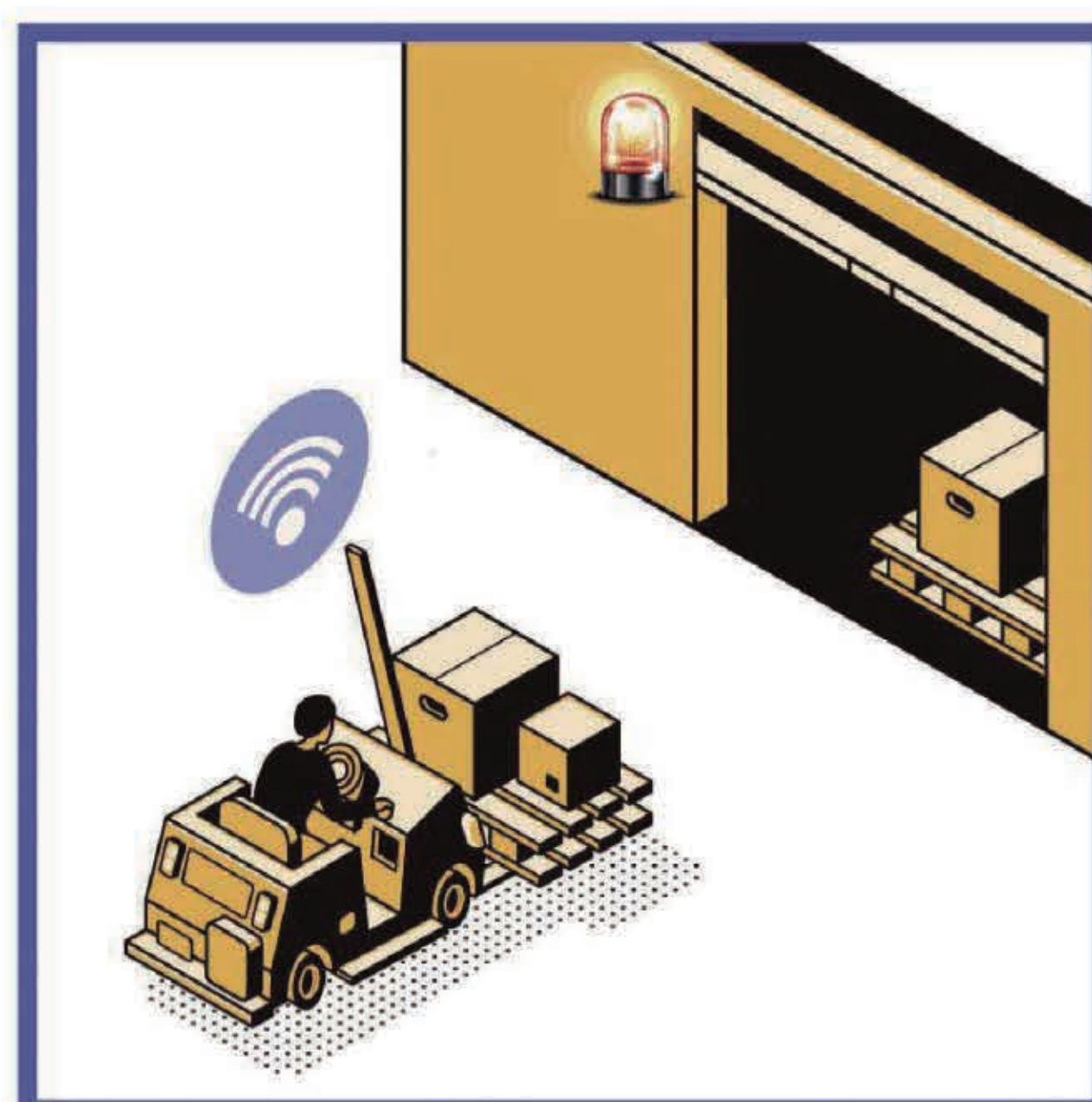
Product Description

- ON-P6750V is access controller with built in long range RFID reader that worked at 2.4GHz with stably sensitivity and excellent anti-collision performance.
- LCD displays card number and related information, built-in memory records time and access control that can be collected by software for further application or integrated with other security devices.
- Supplies variety reading range for option (15M/10M/3M or less).
- Supports maximum 80 cards reading simultaneously.
- Can be set for a period of time without repeat reading.
- ON-P5210 is Wiegand reader that can be interfaced with Pegasus ON-P5878G/ ON-P85V/ ON-P6750V/ ON-P3702 or other standard access controller to be most economical access control system of personnel & vehicle
- **Available application:**

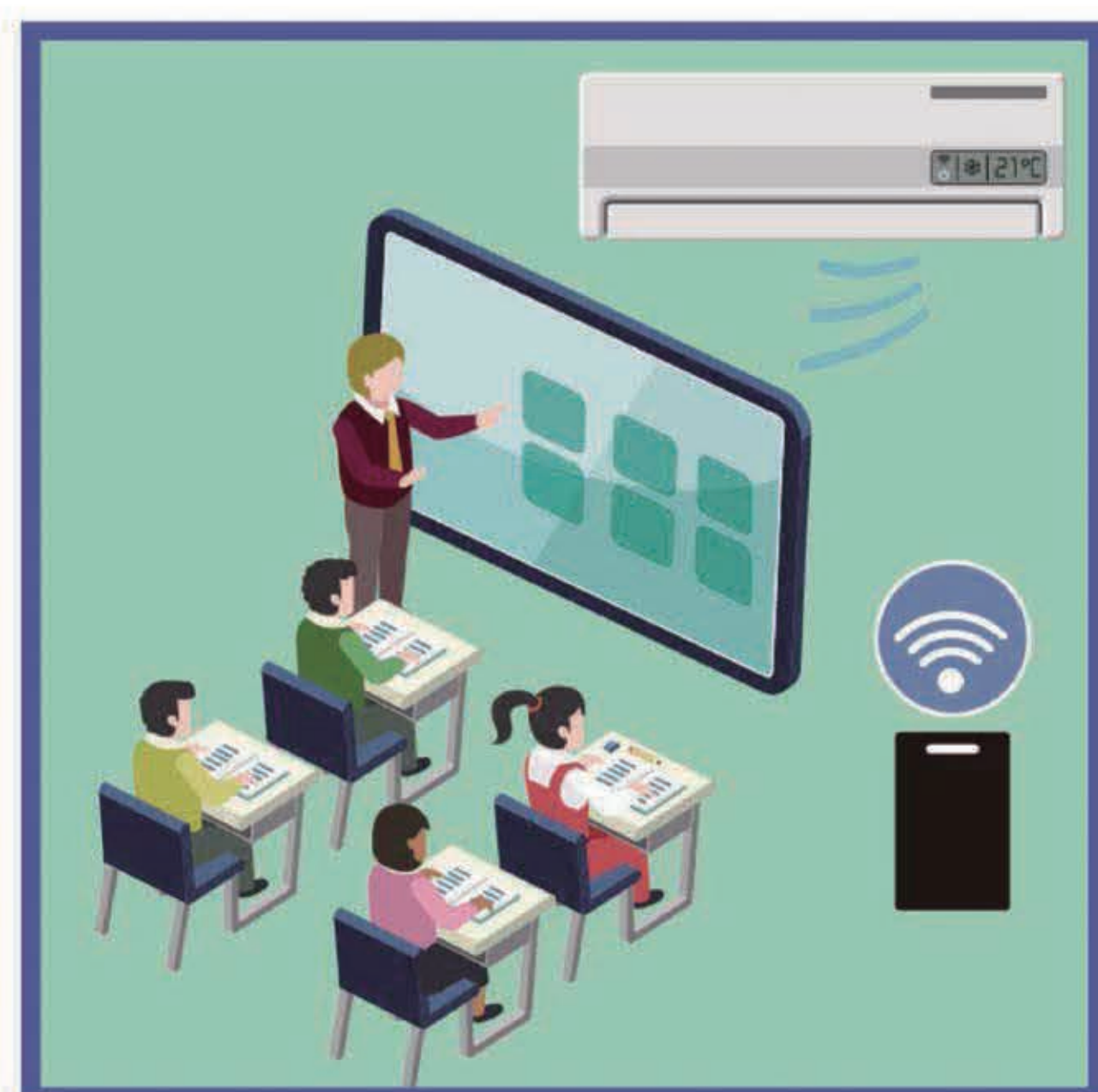
Factory personnel safety and mobile vehicle safety alert / Handfree lift access control / Parking lot management / Time attendance / logistics management / production control / Air condition or heating supply / Electronic ticket / Olders or patient monitoring... etc.



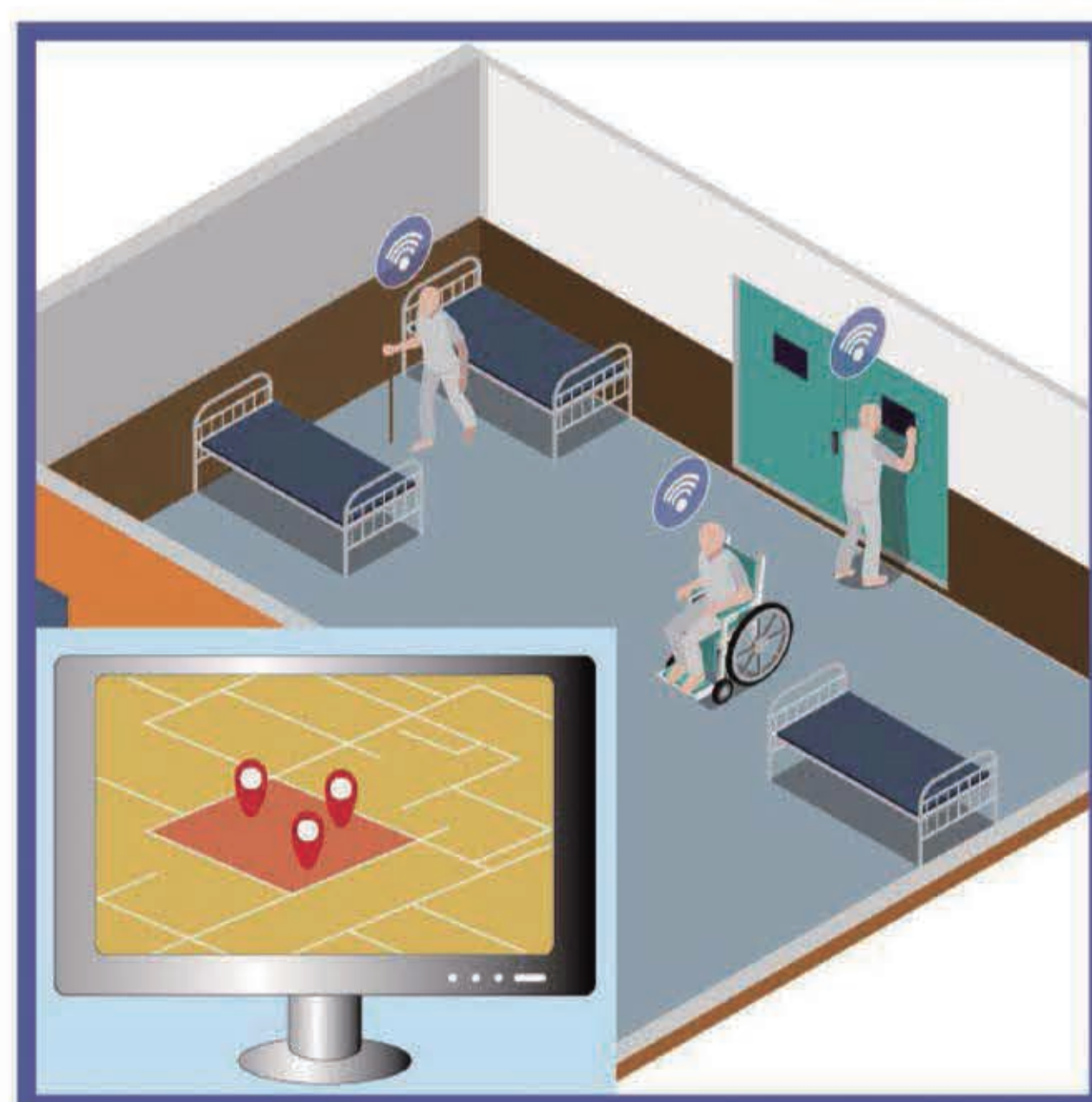
Parking lot management



Factory personnel safety and mobile vehicle safety alert



Air condition or heating supply



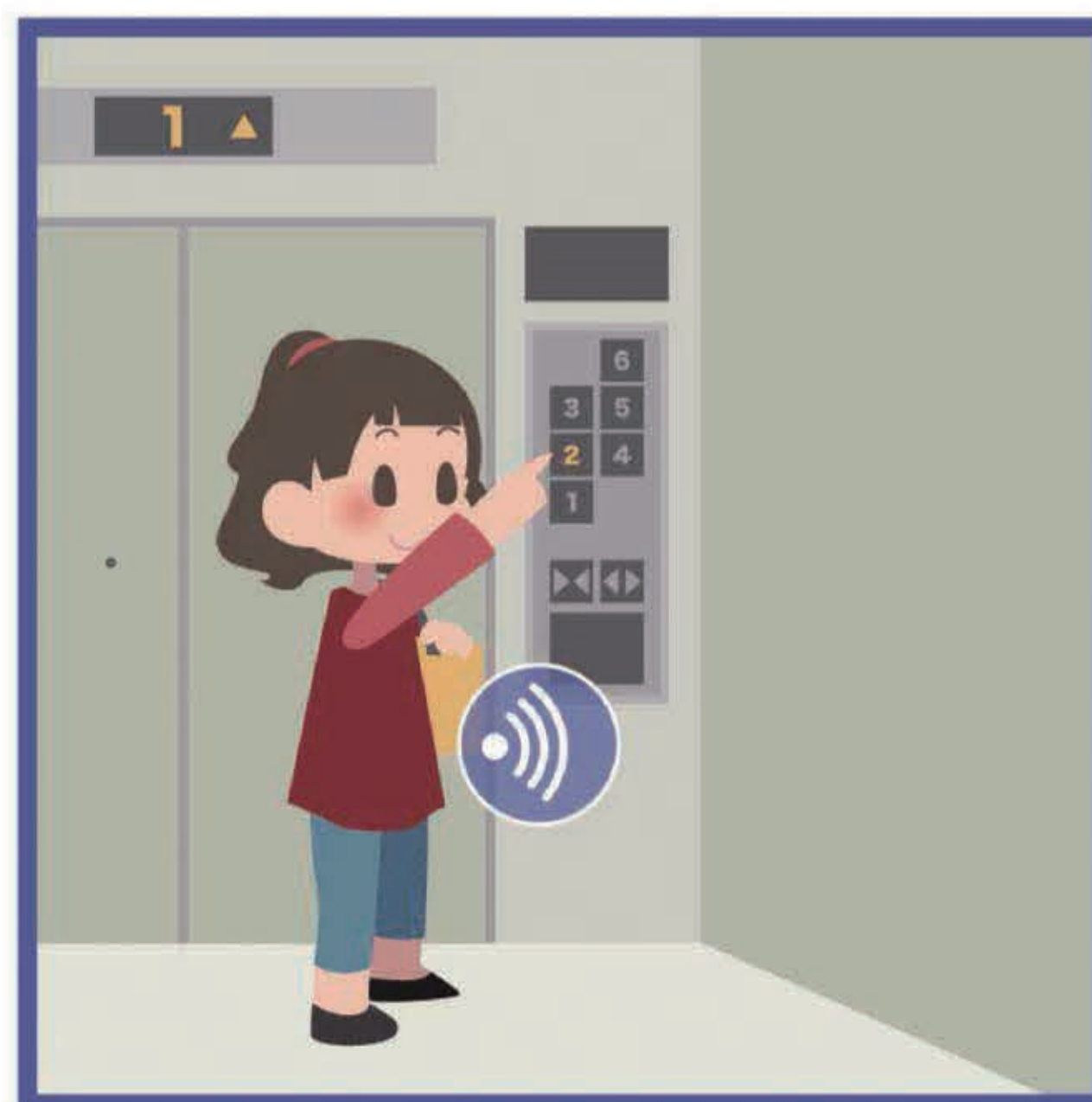
Olders or patient monitoring



Electronic ticket



Hands-free



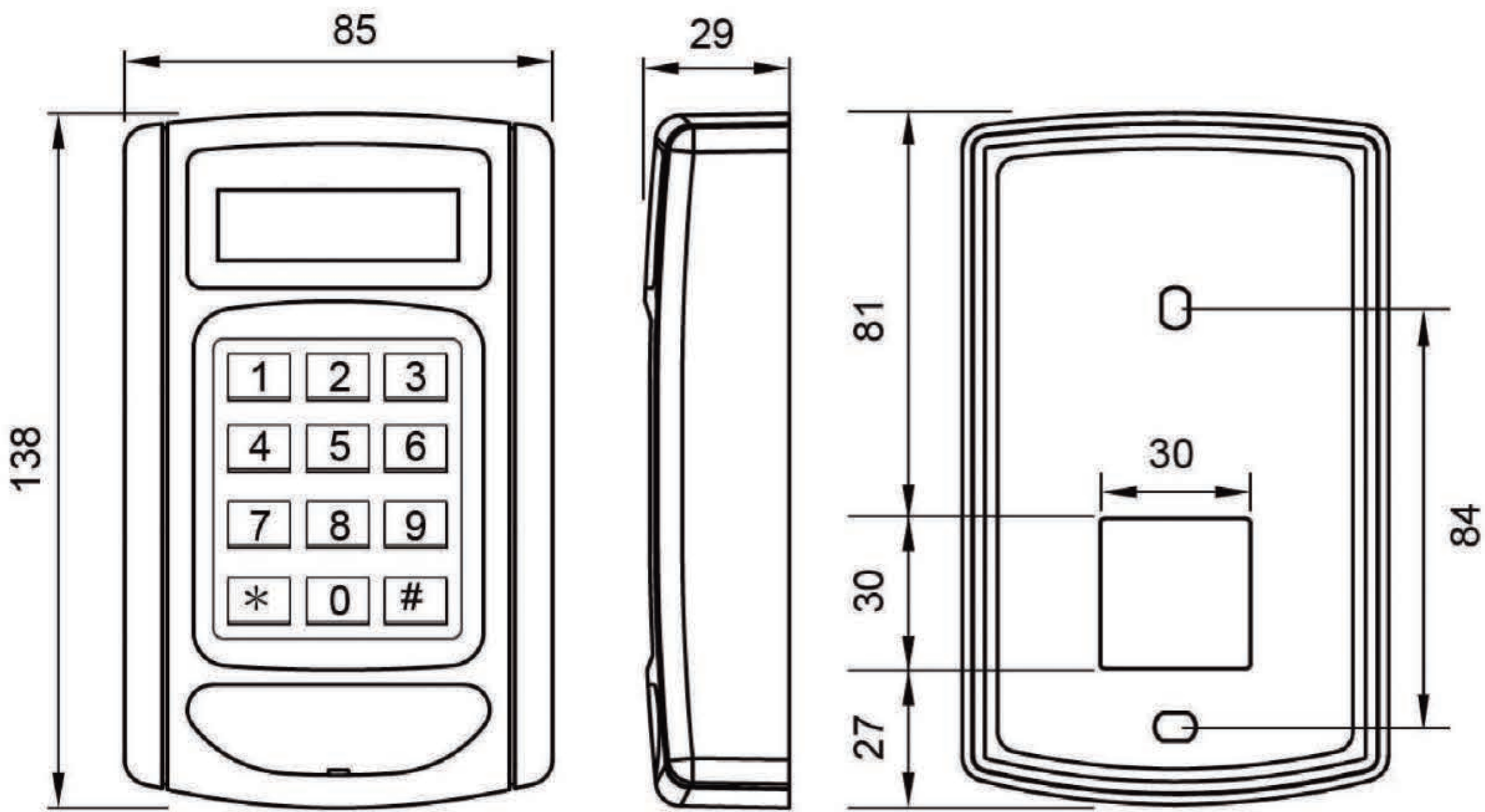
Handfree lift access control

Specifications

ON-P6750V(2.4G Active RFID Access Control / Reader)

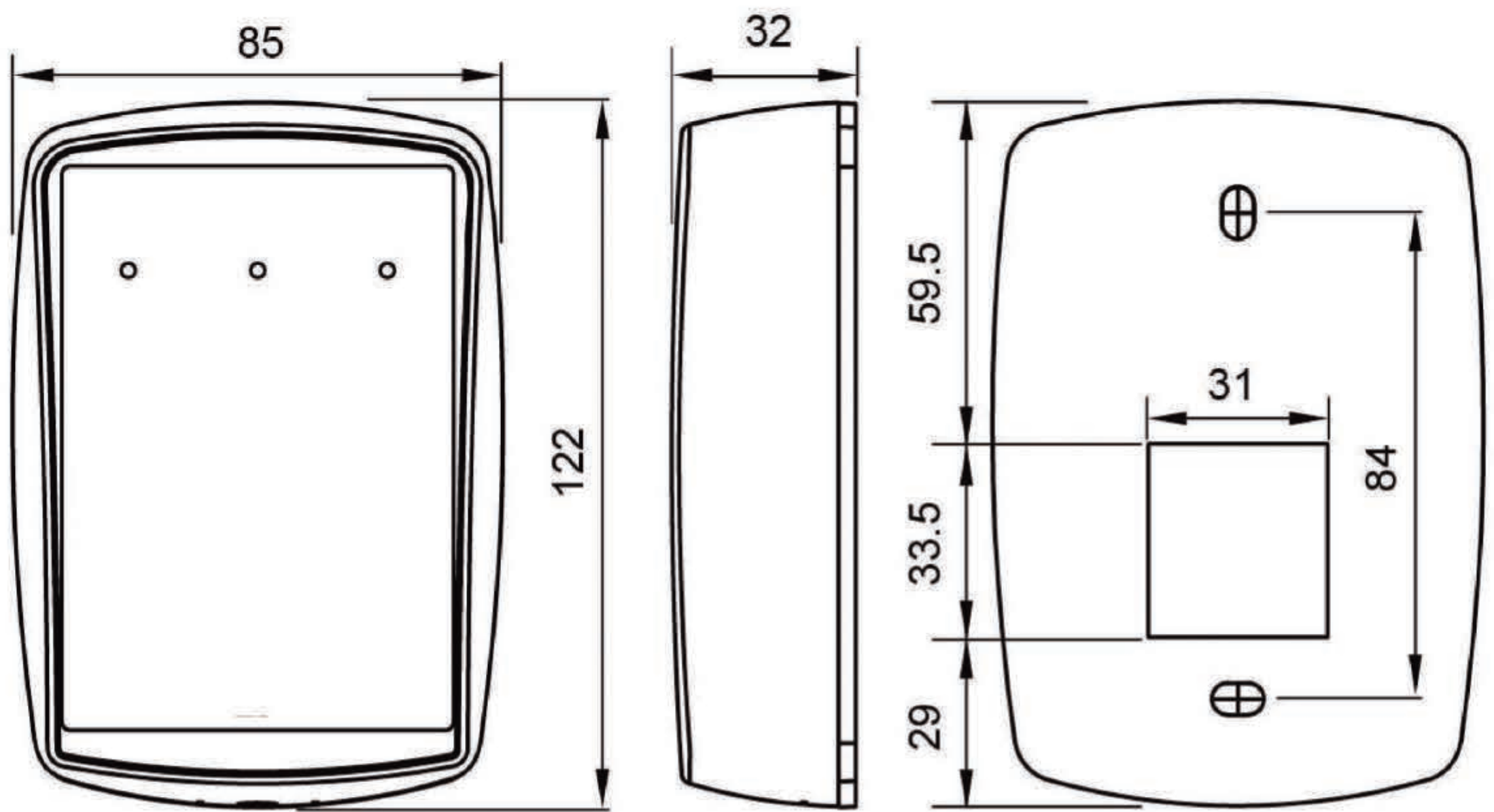
RFID Frequency	2.450~2.458GHz
Identification Angle	Horizontal 360, vertical 360
Reading Range	≥15M
Power input	DC 12V±10%, 98mA _(Standby) / 120mA _(Operating)
Serial Interface	RS-485 / RS-232 _(Optional)
External Reader	Wiegand 26/34 bit Reader _(Optional)
Weatherproof	IP45
Operating Temperature	-20°C ~ 70°C
Humidity	10%~90%
Material	ABS
Net Weight	340g ± 5%
Dimensions	138(L) x 85(W) x 29(H)mm

Unit: mm



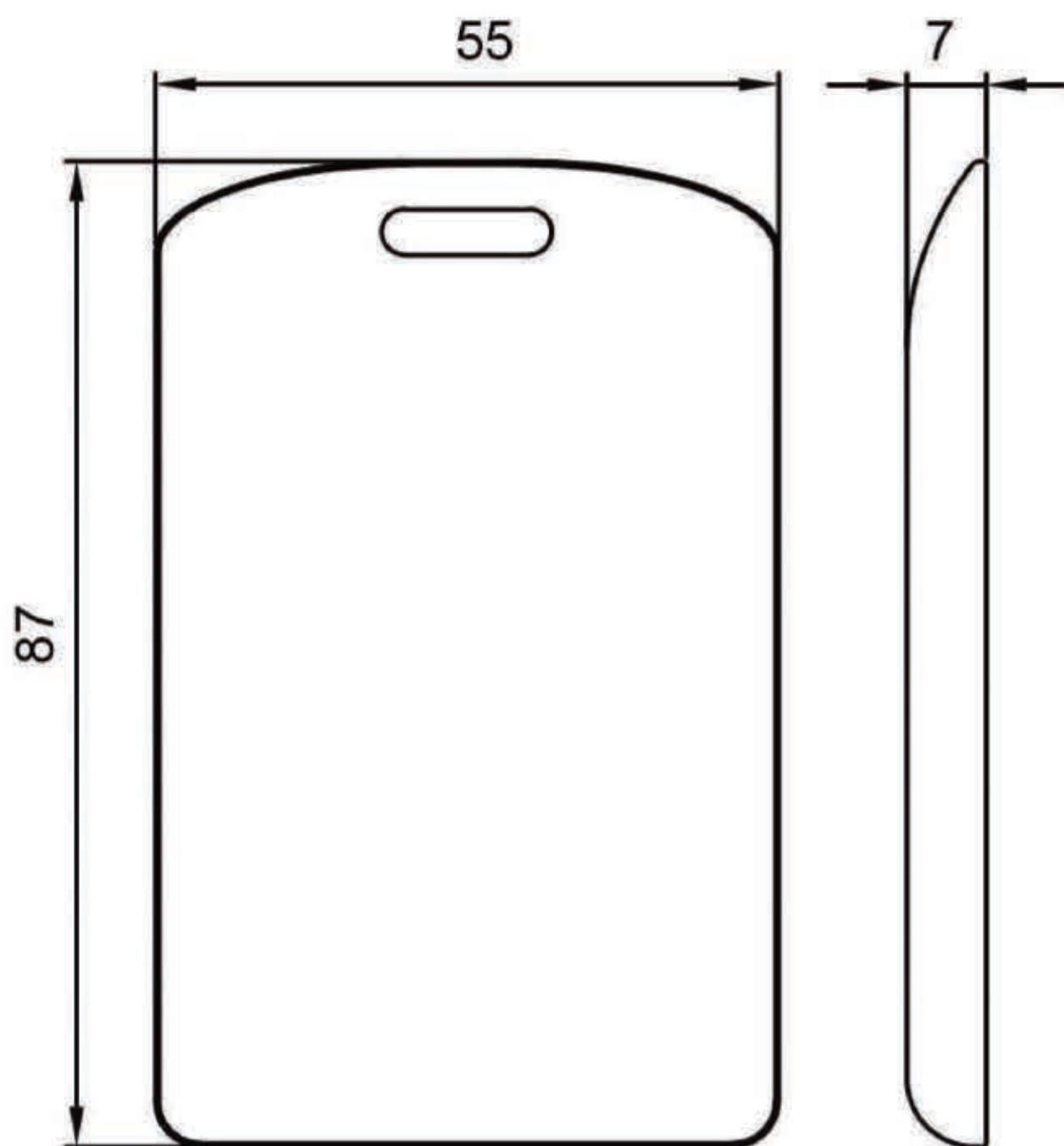
ON-P5210(2.4G Active Long Range Reader)

RFID Frequency	2.450~2.458GHz
Reading Range	≥15M(Depending on the environment)
Power input	DC 12V±10%, 30mA _(Standby) / 35mA _(Operating)
Format	Wiegand 26/34bits, RS-485, RS-232, UART(TTL), TCP/IP
Operating Temperature	-10°C ~ 75°C
Humidity	10%~90%
Material	ABS
Net Weight	140g ± 5%
Dimensions	122(L) x 85(W) x 32(H)mm



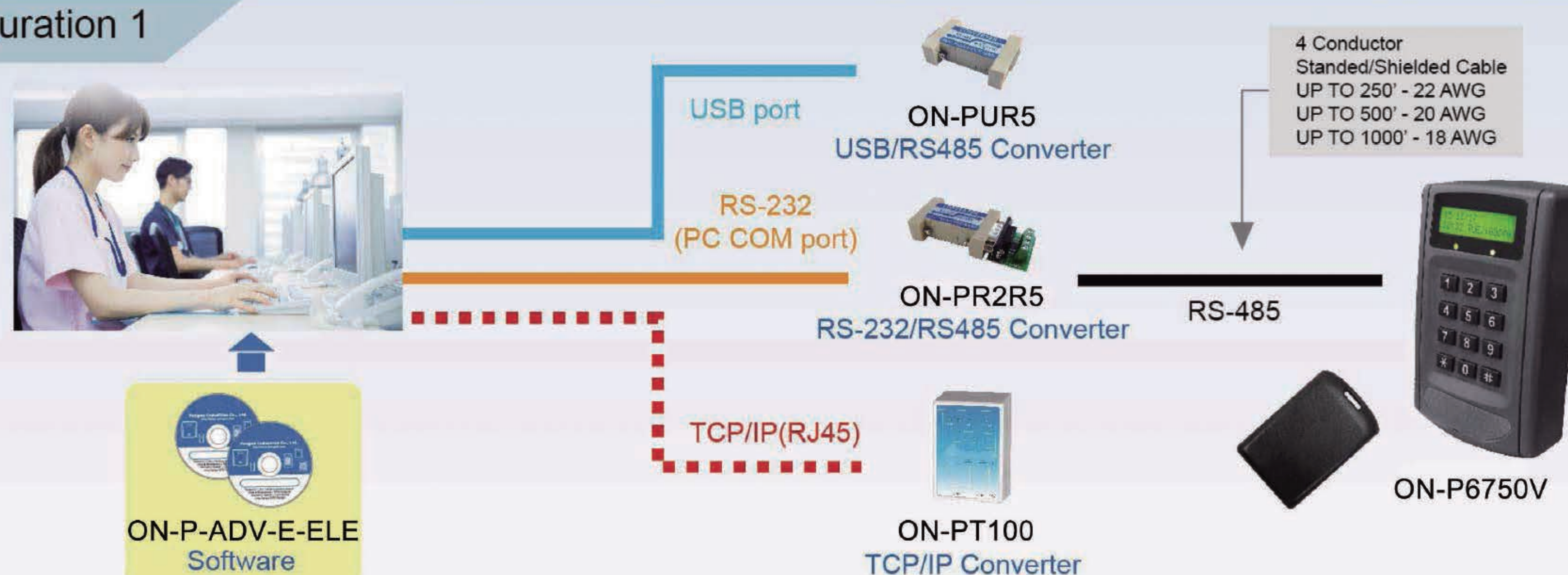
ON-P240(2.4G Active Card)

RFID Frequency	2.450~2.458GHz
RF Power	<1mW
Data Rate	<2Mbps
Reading Range	≥15M
Operating Mode	Reading only, with Anti-Collision
Capable Of Battery	Battery (CR2032)x 4 pieces
Operating Temperature	-20°C~70°C
Humidity	< 95%
Material	PC
Dimensions	87(L) x 55(W) x 7(H)mm



System configuration

Configuration 1



Configuration 2



Ordering information

- ON-P6750VX/R5 : 2.4G Active RFID Access Control / Reader, Reading Range 15m
- ON-P6750VXR5S3 : 2.4G Active RFID Access Control / Reader, Reading Range 3m
- ON-P6750VXR5S5 : 2.4G Active RFID Access Control / Reader, Reading Range 5m
- ON-P5210W : 2.4G Reader, Wiegand 26/34bit & UART(TTL)
- ON-P5210WR2 : 2.4G Reader, Wiegand 26/34bit & UART(TTL), RS-232
- ON-P5210WR5 : 2.4G Reader, Wiegand 26/34bit & UART(TTL), RS-485
- ON-P5210WT : 2.4G Reader, Wiegand 26/34bit & UART(TTL), TCP/IP
- ON-P240 : 2.4G Active Card
- ON-P-ADV-E-ELE : Access Control / Time & Attendance Software