

Inventory Control (Barcode system)

Proposal for : ADVICS Manufacturing(Thailand)Co.,Ltd.



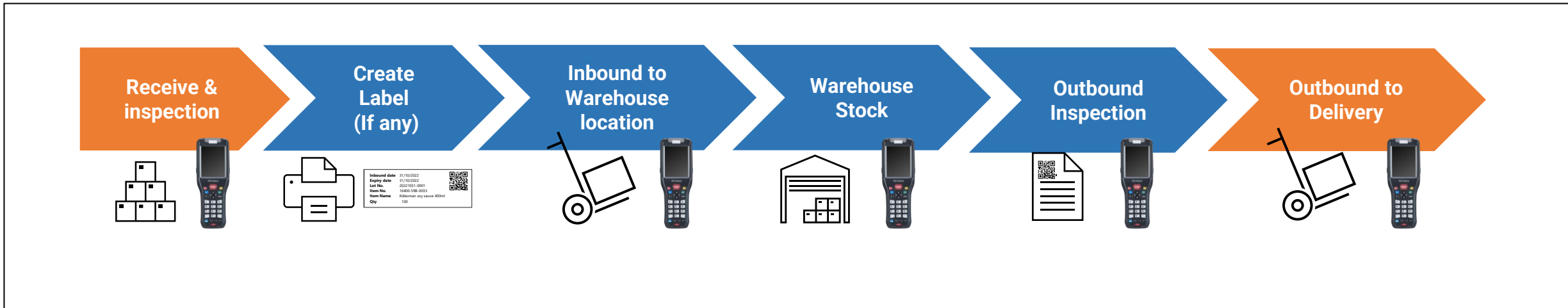
Presentation by TOMAS TECH CO.,LTD.

Proposal summary

We propose an inventory management system. In the current operation, we aim to improve work efficiency and work accuracy by replacing the work managed on paper with a system.

The expected effects of introducing an inventory management system are as follows.

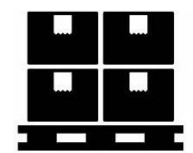
1. By managing warehousing , it can **prevent duplicate orders, out of stock, and excess inventory**.
2. Managing the product location can solve the overflow problem.
3. Work efficiency and work accuracy can be **improved by supporting work at the handy terminal at the time of Inbound and Outbound**.



Benefits overview.



Problem!



Manage Stock failure



Wrong Picking



Wrong inventory And information

Problem of Normal process	Benefits	Use / Reduce
<ul style="list-style-type: none">❌ Don't have Steel sheet & Part vender❌ Stock are not real update to system.❌ Difficult to check at the real stock.❌ Stock are not enough.❌ Over stock.❌ Materials mixed location.❌ Difficult to find product location.❌ Wrong picking products.❌ Data of inventory stock will update to system is too slow and not complete. Because worker still use paper for note , check and record.	<ul style="list-style-type: none">✅ If wrong picking QTY. System will alert before packing.✅ Inventory system will update follow schedule by day , week , and Month.✅ Stock will show real stock to inform to all person.✅ System will inform if some materials are not enough for production.✅ System will give report if have over stock.✅ System able manage the location materials location.✅ When picking process must scan label for confirm item are OK or NG..✅ Don't worry, Packing will be correct before shipping to customer.✅ Remove all paper because we will use WMS system for control inventory. Inbound , Outbound , Stocking,	<p>😊 Worker- person Inbound Materials : 1 Person Outbound Materials : 1-2 Person</p> <p>Inbound FG : 1 Person Outbound FG : 1-2 Person</p> <p>Stocking : 1-2 Person</p> <p>🕒 Time reduce by estimate. Every process compare with manual process.</p> <p>Speed time reduce 30-50% by estimate.</p> <p>But can be protect human error 90%</p>

Suggestion | System Outline

Server and Data base

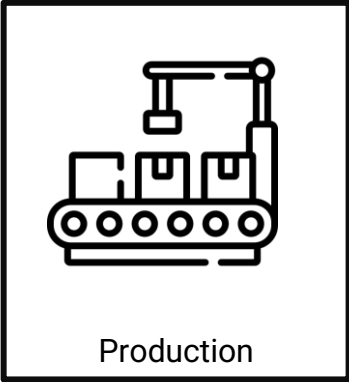
Operation System



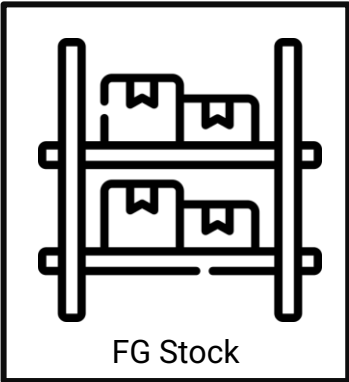
WMS
Server



Receive Materials



Production



FG Stock



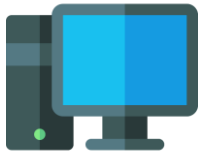
Outbound to Delivery



Control
Room

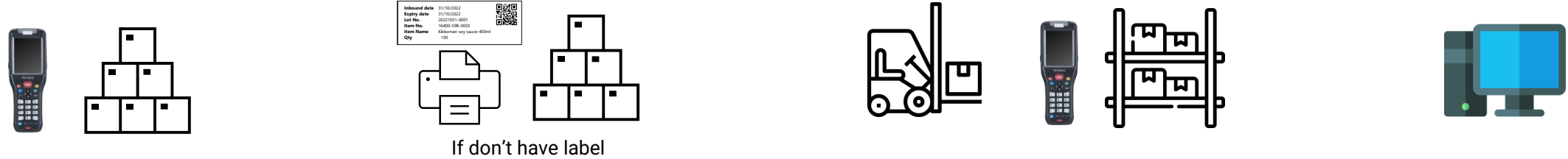


Label Printer



Production



Suggestion | Inbound Detail



1

Inbound-Inspection operation (If Any)


Import Delivery Note/ Invoice inbound schedule CSV. information list to the system. it will be able to check the list of arrival schedule information on the handy terminal.



2

Inbound-Labeling operation (If Any)

Select a schedule from the handy terminal. Print labels from the label printer based on the selected schedule information. Create labels based on information .
*If data such as expiration date, lot number, etc. are **not linked, it is possible to manually enter them manually.**



Inbound date

31/10/2022

Expiry date

31/10/2022

Lot No.

20221031-0001

Item No.


16400-59B-0033

Item Name

Kikkoman soy sauce 400ml

Qty

100



3

Inbound-Store operation

Scan the label with a handy terminal. Location information corresponding to the scanned label item is displayed. Go to where the location information is displayed.

Inbound

User : Ryo Nozaki

Date

30/Dec/2020

Product Code

B1234

Part

Qty

1


Location

A0001

F1 Menu

F3 OK

F4 Back



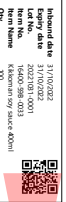
4

Inbound-Store complete operation

Scan the loading location with a handy terminal. The system checks if the location instructions are followed. If wrong, display will show “NG”.

If they match, the goods have been received. Warehousing data is linked to the ERP side.(* If any) or record by manual

Location QR code

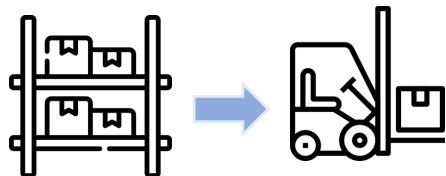


TOMAS TECH Co., Ltd.

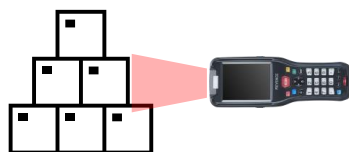
5

Suggestion | Outbound Detail

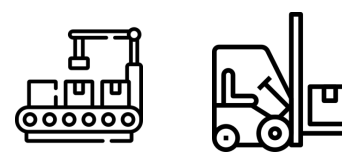
Out from Materials or FG Stock



Outbound Inspection



Production Line or Delivery



1 Create Picking list , Delivery plan or Production Plan information (Import or create)

1. Part Supply department create (Picking list)
2. Import picking list CSV file to WMS system.
3. Or create in Schedule program.



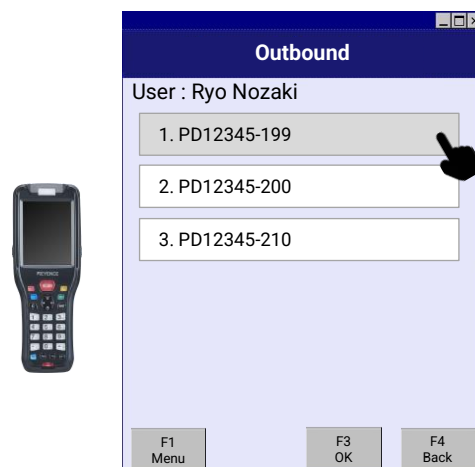
4. The picking list was linked from WMS to handy terminal and then start picking materials follow item displayed on handheld.



2 Outbound schedule list.

When system get requested information Picking list already.

- 1.Select one of picking list for start picking.



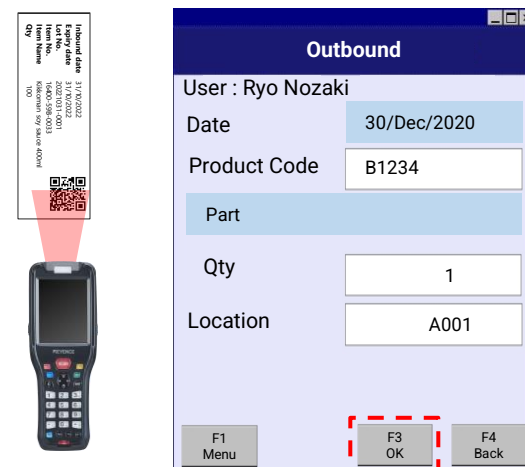
3 Outbound schedule list.

- 1.Select Item or scan first item that received.

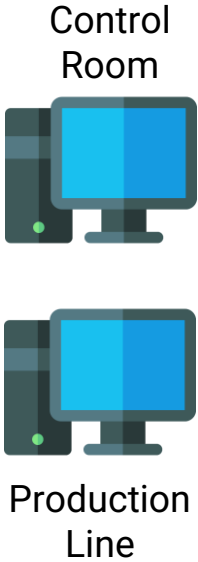


4 Outbound scans

- 1.Start scan label and in put Qty , reconfirm location. then confirm.
2. System will choose **LOT** by FIFO when every outbound process.
3. After confirm system will reduce QTY stock.



Screen image | Sample dashboard Monitor



Schedule

Inbound

Outbound

Stock Management

Master Management

User Name :
Administrator

Logout

Total Stock Status

QI	79,281.70
UR	247,710.13
NP	23,454.10
TEST	15,568.60
Block	1,301.40
Total	367,315.93

Mini Pellet

QI	30,084.00
UR	124,331.00
NP	7,350.00
TEST	4,526.00
Block	230.00
Total	166,521.00

SGX

QI	35,410.80
UR	89,052.53
NP	12,262.50
TEST	6,860.90
Block	966.40
Total	144,553.13

SX

QI	13,786.90
UR	34,326.60
NP	3,841.60
TEST	4,181.70
Block	105.00
Total	56,241.80

7

Screen image | Sample Outbound and Delivery Status

Schedule

Inbound

Outbound

Stock Management

Master Management

User Name : Administrator

Logout

Outbound Schedule

Version 1.0

Schedule date : ~

Item code : ~

Type : Status :


Search :

Add records :

Show entries

	Schedule ID	Schedule Date	Item code	Item Name	Lot No	Bag No	Weight(KG)	Type	Status	Remark
1	TEST6	2023-11-30	AD-OAD0055	MB-AD-OAD0055	5	10	5000.00	Delivery	Cancel 28 Nov 2023	
2	OT20231128	2023-11-28	AD-OAD0055	MB-AD-OAD0055	-	-	100.00	MP	Finished 28 Nov 2023	
3	OT20231128	2023-11-28	AD-CAP	BD-AD-CAP	-	-	200.00	MP	Finished 28 Nov 2023	
4	OT20231128	2023-11-28	AD-CITRIC ACID	BD-AD-CITRIC ACID	-	-	300.00	MP	Pending 28 Nov 2023	
5	OT20231128	2023-11-28	AD-CO2	BD-AD-CO2	-	-	400.00	MP	Technical confirmed 28 Nov 2023	
6	OT20231128	2023-11-28	AD-DA	BD-AD-DA	-	-	500.00	MP	Technical confirmed 28 Nov 2023	

Screen image | Sample Total FG , Total Production



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Schedule

Inbound

Outbound

Stock Management

Master Management

User Name :
Administrator

Logout

Stock Inquiry Report

Version 1.0

Item code : AD-OAD0055 ~ XP6398D

Status: All Search :

Location : FA ~ WH-FG

Search

Clear

Excel Output

PDF Output

Show 25 entries

First Previous 1 2 3 4 5 ... 209 Next Last

	Location	Item code	Item name	Lot no	Bag no	BD/GL	Stock quantity	Inspection status	Remark	User id	Updated on
1	FA01	XP6398D	MB-XP6398D	5265127	1	0	1,000	WC	-	admin	2023-06-06 12:34
2	FA01	XP6398D	MB-XP6398D	5265127	3	0	1,000	WC	-	admin	2023-06-06 12:34
3	FA01	XP6398D	MB-XP6398D	5265127	5	0	1,000	WC	-	admin	2023-06-06 12:34
4	FA04	XP6398D	MB-XP6398D	5265127	3	0	1,000	WC	-	admin	2023-06-06 14:02
5	FB01	XP6398D	MB-XP6398D	5265127	4	0	1,000	WC	-	admin	2023-06-06 14:03
6	FC09	XP6398D	MB-XP6398D	5265127	5	0	1,000	WC	-	admin	2023-06-06 14:04
7	FC09	XP6398D	MB-XP6398D	5265127	6	0	1,000	WC	-	admin	2023-06-06 14:04
8	PD-MP	XP6398D	MB-XP6398D	5265127	1	0	2,500	WC	-	admin	2023-06-06 14:01
9	PD-MP	XP6398D	MB-XP6398D	5265127	2	0	1,500	WC	-	admin	2023-06-06 12:34
10	PD-MP	XP6398D	MB-XP6398D	5300088	3	0	100	WC	-	admin	2023-05-23 15:36
11	PD-SGX	XP6398D	MB-XP6398D	5265127	3		100	WC	-	admin	2023-05-23 23:37
12	RA02	XP6398D	MB-XP6398D	5300088	1	0	1,000	WC	-	admin	2023-06-06 14:04
13	RBO3	XP6398D	MB-XP6398D	5300088	2	0	1,000	WC	-	admin	2023-06-06 14:04
14	RC02	XP6398D	MB-XP6398D	5300088	3	0	1,000	WC	-	admin	2023-06-06 14:04
15	RD07	XP6398D	MB-XP6398D	1	0	0	200	WC	-	admin	2023-11-23 09:48
16	RD07	XP6398D	MB-XP6398D	5300088	4	0	1,000	WC	-	admin	2023-06-06 14:04
17	RD07	XP6398D	MB-XP6398D	5300088	5	0	1,000	WC	-	admin	2023-06-06 14:05

Suggestion | Store - Stock management

Stock inquiry

It can refer to the current inventory information in real time. (PC/HT)

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Stock Inquiry / Report


Item code: Item name:

Location:

Search Clear

Excel Output PDF Output

#	Item code	Item name	Carry-over	Inventory	Ordering point	Difference	Stock quantity	Unit price	Amount	Location
1	0123456-001	BT-W150	0	800	500	0	800	3,500	2,800,000	A0001-001
2	0123456-002	BT-W150	0	2,000	1,000	(1000)	1,900	2,800	4,800,000	A0001-002
3	0123456-003	BT-W150	0	1,500	500	0	1,300	2,000	2,600,000	A0001-003
4	0123456-004	BT-W150	0	2,400	500	0	2,400	30,000	72,000,000	A0001-004
5	0123456-005	BT-W150	0	1,300	500	0	1,300	300	390,000	A0001-005
6	0123456-006	BT-W150	0	1,499	500	1	1,300	100	130,000	A0001-006
7	0123456-007	BT-W155	0	1,900	500	0	1,300	1,000	1,300,000	A0001-007
8	0123456-008	BT-W1000	0	1,300	500	0	1,300	1,300	1,690,000	A0001-008
9	0123456-009	BT-W1000	0	120	500	0	120	2,000	240,000	A0001-009



*Standard

Stocktaking

Check the quantity in stock on a regular basis. Compare the theoretical inventory quantity with the actual quantity. (PC/HT)

PEGASUS

Inventory


Item code: Item name:

Location:

Search Clear

Register

#	Item code	Item name	Carry-over	Inventory	Ordering point	Difference	Stock quantity	Unit price	Amount	Location
1	0123456-001	BT-W150	0	800	500	0	800	3,500	2,800,000	A0001-001
2	0123456-002	BT-W150	0	2,000	1,000	(1000)	1,900	2,800	4,800,000	A0001-002
3	0123456-003	BT-W150	0	1,500	500	0	1,300	2,000	2,600,000	A0001-003
4	0123456-004	BT-W150	0	2,400	500	0	2,400	30,000	72,000,000	A0001-004
5	0123456-005	BT-W150	0	1,300	500	0	1,300	300	390,000	A0001-005
6	0123456-006	BT-W150	0	1,499	500	1	1,300	100	130,000	A0001-006
7	0123456-007	BT-W155	0	1,900	500	0	1,300	1,000	1,300,000	A0001-007
8	0123456-008	BT-W1000	0	1,300	500	0	1,300	1,300	1,690,000	A0001-008
9	0123456-009	BT-W1000	0	120	500	0	120	2,000	240,000	A0001-009



*Standard

Change / Check Location

Check Location of spare part by use Handheld or Computer , System able show location of part that looking.

PEGASUS

Change Location


Item code: Item name:

Location:

Search Clear

Register

#	Item code	Item name	Carry-over	Inventory	Ordering point	Difference	Stock quantity	Unit price	Amount	Location
1	0123456-001	BT-W150	0	800	500	0	800	3,500	2,800,000	A0001-001
2	0123456-002	BT-W150	0	2,000	1,000	(1000)	1,900	2,800	4,800,000	A0001-002
3	0123456-003	BT-W150	0	1,500	500	0	1,300	2,000	2,600,000	A0001-003
4	0123456-004	BT-W150	0	2,400	500	0	2,400	30,000	72,000,000	A0001-004
5	0123456-005	BT-W150	0	1,300	500	0	1,300	300	390,000	A0001-005
6	0123456-006	BT-W150	0	1,499	500	1	1,300	100	130,000	A0001-006
7	0123456-007	BT-W155	0	1,900	500	0	1,300	1,000	1,300,000	A0001-007
8	0123456-008	BT-W1000	0	1,300	500	0	1,300	1,300	1,690,000	A0001-008
9	0123456-009	BT-W1000	0	120	500	0	120	2,000	240,000	A0001-009

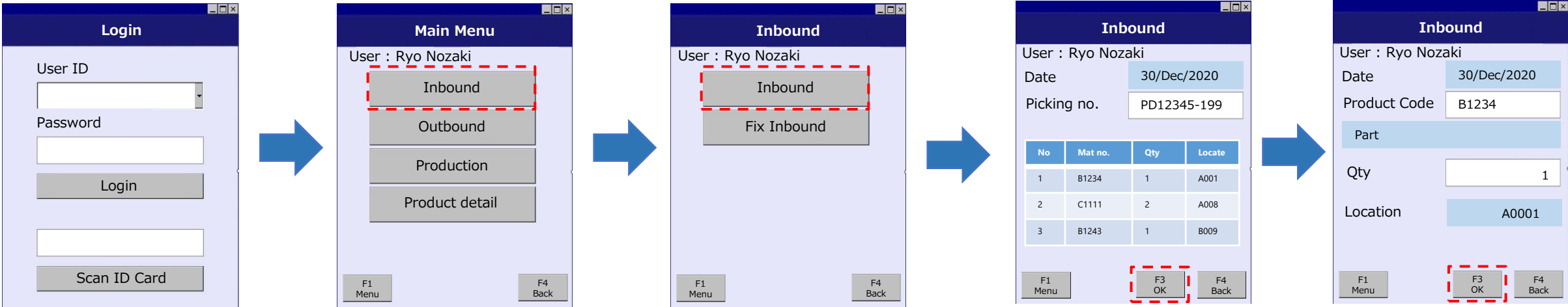


*Standard

Screen image | Inbound & Outbound of Handy Terminal

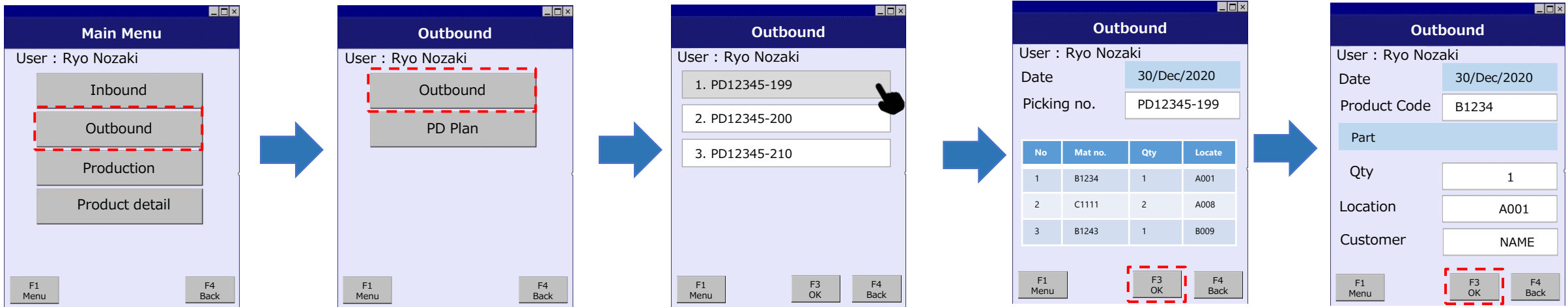
Inbound

*Standard



Outbound

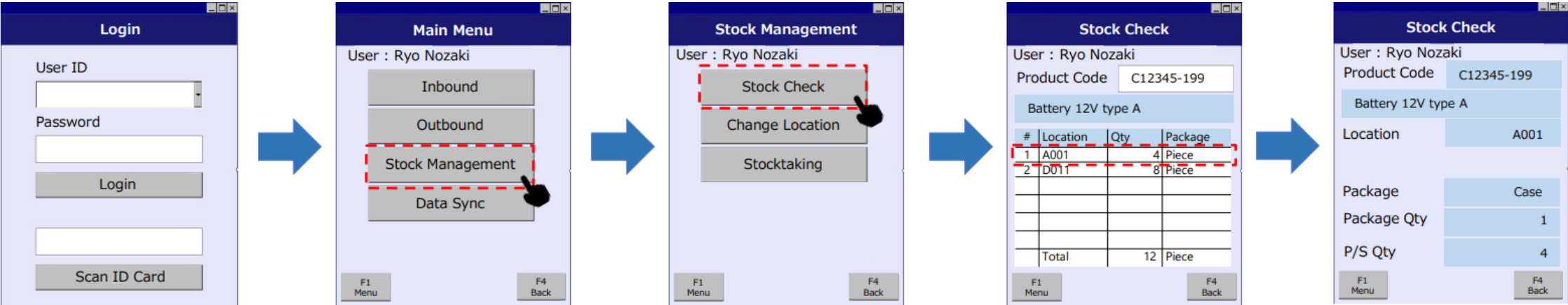
*Customize



Screen image | Stock Management / Change location

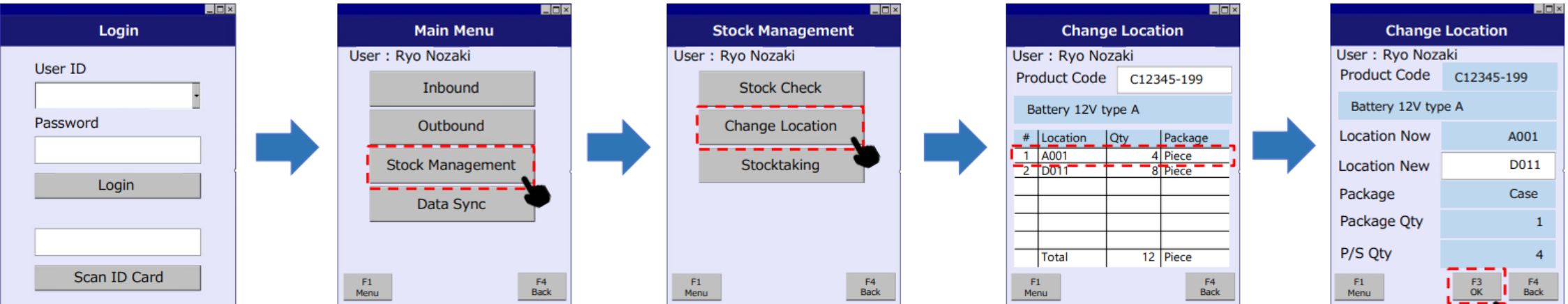
Stock Check

*Standard




Check /Change Location

*Standard



Screen image | Inbound Inquiry / Report

 PEGASUS

Inbound

Outbound

Stock Management

Master Management

System Management

User Name :
Ryo Nozaki

Logout

Inbound Inquiry / Report

Version 1.0

Inbound date :
select a date ~ select a date

Supplier :
00000001-001 ~ 00000001-001

Item code :
00000001-001 ~ 00000001-002

Search


Clear

Excel Output

PDF Output

#	Inbound date	Item code	Item name	Supplier code	Supplier name	Package	Package quantity	Quantity	Location	Status	Slip divide
1	28/11/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
2	29/11/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
3	30/11/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
4	01/12/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
5	02/12/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
6	03/12/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
7	04/12/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
8	05/12/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
9	06/12/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
10	07/12/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input

Screen image | Outbound Inquiry / Report

 PEGASUS

Inbound

Outbound

Stock Management

Master Management

System Management

User Name :
Ryo Nozaki

Logout

Outbound Inquiry / Report

Version 1.0

Outbound date :

select a date

 ~

select a date

Customer :

00000001-001

 ~

00000001-001

Item code :

00000001-001

 ~

00000001-002

Search

Clear


Excel Output

PDF Output

#	Outbound date	Item code	Item name	Customer code	Customer name	Package	Package quantity	Quantity	Location	Status	Slip divide
1	28/11/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
2	29/11/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
3	30/11/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
4	01/12/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
5	02/12/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
6	03/12/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
7	04/12/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
8	05/12/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
9	06/12/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input
10	07/12/2020	0123456-001	BT-W350	00000001-001	Keyence (Thailand)	unit	100	100	A0001-001	Store-In	PC Input

Screen image | Label Generate

Item Label

 PEGASUS

Schedule

Inbound

Outbound

Stock Manage

Master

System

User : Anek

Logout

CREATE LABEL

Item Code

EBI11001

Item Name

ITEM

Lot No.

LOT14032023

Location

FZA101

Package

PCS

Package Qty.

10

Weight. Kg.

Range

2

Remark

Preview

Print

Clear

Item No.

EBI11001

Item Name.

ITEM

Lot No.


LOT14032023

Unit.

PACK

Qty.

10



Item No.

EBI11001

Item Name.

ITEM

Lot No.


LOT14032023

Unit.

PACK

Qty.

10

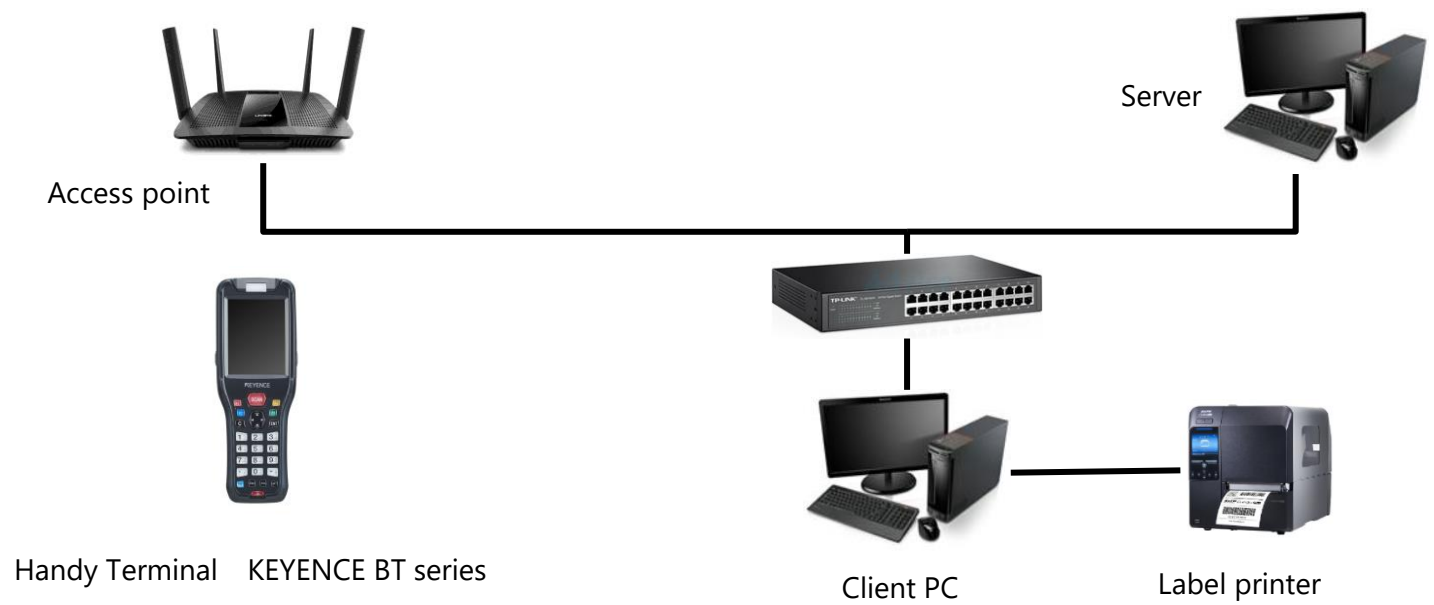


Location Label

Entity (Location)
: STB
Keep Location
: Cab11-2

Entity (Location)
: STB
Keep Location
: Cab11-3

15



#	Item	Recommended specifications and models
1	Cloud Server	OS: Windows Server 2016R2 Standard / Memory: 8GB or more / Hard disk: Free space 50GB or more / Display: Resolution 1366 x 768 or more
2	Client PC	OS: Windows 7 / 8.1 / 10 / Memory: 4GB or more / Display: Resolution 1366 x 768 or more Browser: Google Chrome (latest version) * PC machine with recommended model specifications or higher
3	Handy terminal	KEYENCE BT series (Windows OS type)
4	Access point	IEEE802.11a/b/g/n
5	Label Printer	*Bluetooth compatible model/Material: Art Permanent/Size: 50 x 100 mm

#	Software maintenance		Standard / Option
1	Operation support / recovery support	We will open a support window and provide operational support by phone and email, and recovery support in the event of a software failure.	Standard*1
2	Upgraded software provided	We will provide an upgraded version when the software functions are improved. We provide the latest software compatible with the latest OS free of charge. It can reduce your life cycle cost by eliminating the need to purchase software when updating the server.	Standard*1
#	Software re-setup		
1	Software re-setup	If it need to re-set up the software after repairing a server failure Perform restoration work. (Repair of inventory data is not included in software re-setup)	Standard*1

* 1) Service is provided at the system purchase fee in the first year of the contract. Contract on a yearly basis from the second year onwards

* 2) Service provided only when hardware is purchased from us

1. Current situation analysis	We will inspection the current business and the system being used, confirm the requirements, and analyze the customer's current situation. And will make an estimate based on customer requirements.	Within sales
2. Requirement definition	Detailed requirement definition will be performed based on the analysis result. Check the detailed requirements so that the system can be implemented in a manner that matches actual operation.	1-4 weeks
3. Design	While a process meeting, we will perform basic design, detailed design, and preparation for transfer based on the requirements.	1-3 weeks
4. Development / Test	Perform the test that fits with customer work and start the test. We will consider a transfer every method for let smooth working process.	1-20 weeks
5. Introduction support	We will have an operation training to introduce the system that is currently being used or work in parallel with the work, and after confirming the usability, etc., And the final acceptance will be continue to process.	1 week
6. Production operation	When start operation. We will provide a long-term support for safe and comfortable system by providing operation maintenance support, information provision, and revision edition.	Min : 4 weeks Max : 28 weeks

Appendix | Handy terminal



Specifications				
Item			Specifications	
Model			BT-A500/A500GC/A500GM/A500GA500GE	
Controller	CPU		Qualcomm Octa-core	
	OS		Android 10	
Main memory	RAM		2 GB	
	ROM		16GB	
Display	LCD	Display method	3.5-inch TFT color LCD	
		Resolution (number of dots)	320 (H) x 480 (V)	
Operation confirmation LED		3-color LED (red, green, blue, yellow, cyan, magenta, white)		
Operations	Hard keys	Type	Set of arrow keys x 1 (4 directions), trigger keys x 3 (center x 1, side x 2), customized keys x 2 (P1 key, P2 key), function change keys x 4 (white key, orange key, blue key, SFT key), data input keys x 14 (0 to 9 keys, ENT key, clear key, symbol key, minus key), power key x 1	
			Touch panel	Electrostatic capacitance method (Dragontrail tempered glass)
Scanner	Optical characteristic	Reading light source	High-intensity white LED	
		Pointer light source	Visible light semiconductor laser (655 nm) Output 1.0 mW Class 2 laser product (IEC 60825-1)	
		Minimum resolution	2D code: 0.169mm Barcode: 0.076mm	
		Reading distance	65-450mm (CODE39 narrow bar width 0.254mm) 100-745mm (CODE39 narrow bar width 0.508mm) 45-235mm (QR cell size 0.254mm) 25-440mm (QR cell size 0.508mm) ^{1,2}	
		Reading width/Field range	178 x 107mm (Reading distance 200mm) ^{1,2}	
		Supported codes		JAN/EAN/UPC (add-on code supported), CODE128, GS1-128, CODE39, NW-CODE93, ITF COOP2005, Industrial 205 QR code, Micro QR, DataMatrix (ECC200), PDF417, GS1 DataBar, composite symbol, Postal
Wireless communication	Wireless LAN	Wireless standards	IEEE802.11a/b/g/n/ac	
		Radio frequency	BT-A500: 2.4GHz (b, g, n:1 to 13ch) 5.2GHz, 5.3GHz, 5.8GHz (a/h/ac) BT-A500GC: 2.4GHz (b, g, n:1 to 13ch) 5.2GHz, 5.3GHz, 5.8GHz (a/h/ac) BT-A500GM/A500GE: 2.4GHz (b, g, n:1 to 13ch) 5.2GHz, 5.3GHz, 5.8GHz, 5.8GHz (a/h/ac) BT-A500GA: 2.4GHz (b, g, n:1 to 11ch) 5.2GHz, 5.3GHz, 5.8GHz, 5.8GHz (a/h/ac)	
	Security method	Security: OPEN / WEP(64/128 bit) / WPA/WPA2 WPA encryption: TKIP/ AES Authentication: PSK/ PEAP/ EAP-TLS/ EAP-TTLS/ EAP-PWD		
		Bluetooth®	Wireless standards Supported profiles Communication	Bluetooth® V4.2 + BR/EDR/L2CAP, A2DP, AVRCP, HID, IOP, OPP, PAN, SPP Approx. 10 m

Item		Specifications	
Power supply	Main battery	Type	Dedicated lithium ion battery pack
		Capacity	3250 mAh
		Charging time	Approx. 5.5 hours (ambient temperature)
	Backup battery	RAM data	Electric double layer capacitor 3 minutes ^{1,2}
Others	Audio		Speaker, Microphone
	Vibration		Available
	Camera		13MP, autofocus
	Sensor		Accelerometer, Ambient Light, Gyroscope
		USB	USB Type-C port
Environmental resistance	Enclosure rating		IP65
	Drop resistance (from a height)		Onto concrete from a height of 2.0 m (30 to 20,000 impacts from a height of 30 cm) ²
	Ambient operating temperature		-20 to +50°C When charging 0 to +40°C (no freezing) ^{1,3}
	Ambient operating humidity		20 to 85% RH (no condensation)
	Ambient storage temperature		-20 to +60°C (no freezing)
	Ambient storage humidity		20 to 85% RH (no condensation)
Dimensions		204 x 73.2 x 40.5 (30.0) mm The value in parenthesis is the grip dimension.	
Weight		Approx. 265 g (with battery pack)	

¹ When the main battery is not attached or has no remaining charge.
² This is a test value, and the value is not guaranteed.
³ Continuous usage time may be shortened significantly in a subfreezing environment due to a load. Be sure to conduct a test before use.

| Appendix | Communication speed between WIFI and LAN

In the case of priority LAN, the average communication speed is 860 Mbps.

In the case of WIFI, the average communication speed is 250 Mbps.

When transferring 2GB of data, it takes 18.6 seconds for LAN and 62.9 seconds for WIFI.

WIFI is also affected by communication efficiency, so obstacles can slow it down even further.

有線LAN



無線LAN

