

DIGITAL ! e-PICKING SYSTEM

DIGITAL PICKING SYSTEM

*Different and Better"*

! !

1341-2 BLD 5 F  
TEL : (02)3486-0360 FAX : (02)3486-0361

# 1. Digital Picking System

a) < > 가 , 가  
 . , 가 , ,  
 가 , ,  
 , 가 .  
 가 , 가 .  
 , , ,  
 . , ,  
 . , ,  
 . Digital  
 Picking System . Picking  
 Picking System .  
 , , , Picking ,  
 . , Digital Picking System  
 Picking ,  
 .

b) Digital Picking System 1977

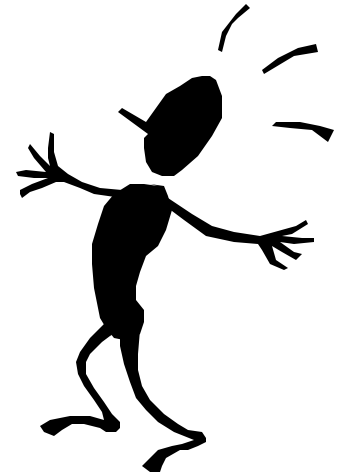
가 3500  
60 가 , 1992  
30%가

c) Digital Picking System

- 1 : < >  
<DATA: : >
- 2 : LED < >  
<DATA: (RS485 )>
- 3 : LED < >  
<DATA: (RS485 )>
- 4 : LED < >  
<DATA 2 >

## 2. DPS(Digital Picking System)

- 1) 가 ( .)
- 2) ( )
- 3) 가 ( 0% 가 )
- 4) 가 가 .



## 3. DPS(Digital Picking System)

가 .

1) :

.” “ . .

, 가

2

2)

ANSKIT

“

.” “

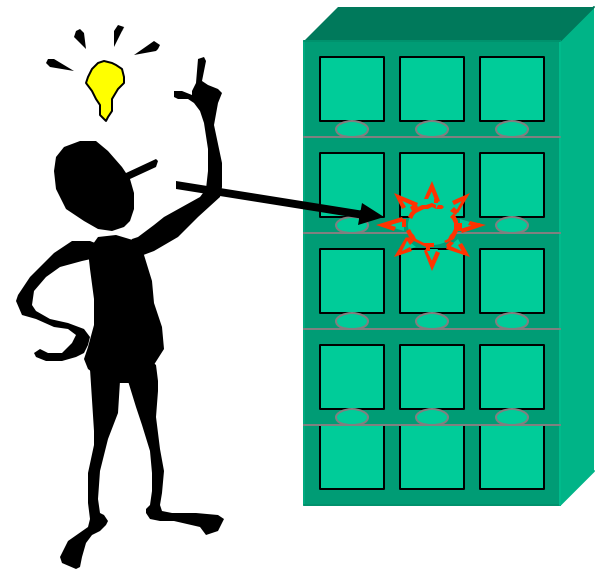
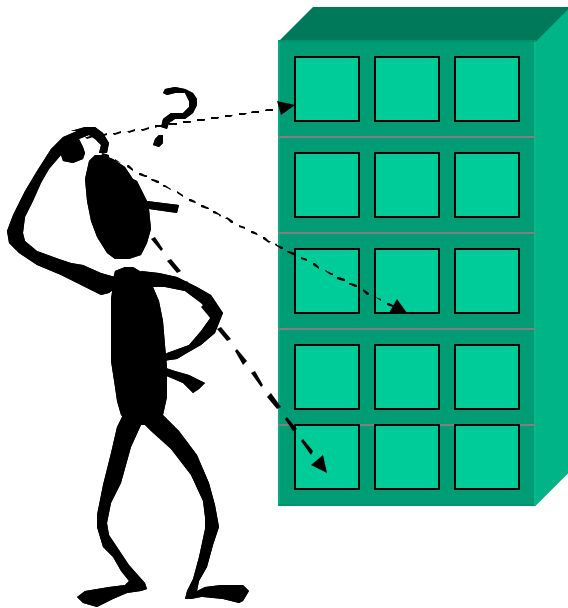
.”

1/10

1/100

#### 4. DPS(Digital Picking System)

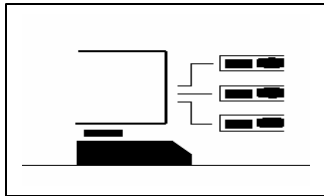
	DPS
(            가            )	(            ) ANS                    .



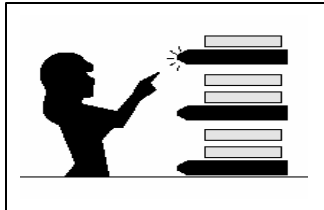
# 5. DPS(Digital Picking System) FLOW



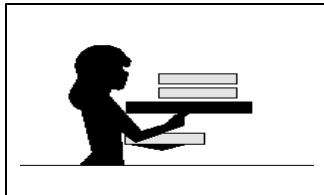
.



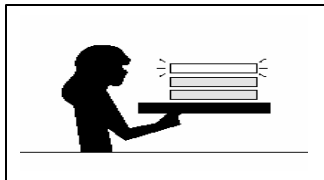
Controller Junction Box가 Network



LED



,



“ ”

## 6. DPS(Digital Picking System)

	(DPS )	(DAS ))	
	,	,	
	가 . 가 . 가	1	
	. 2	가가 가 1 가 DPS 2	
. 1. 2. 3.	3	가 가	.

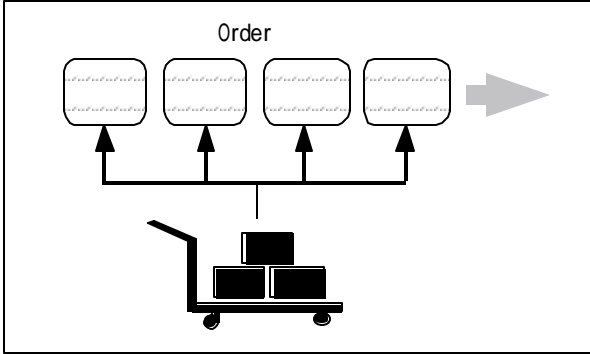
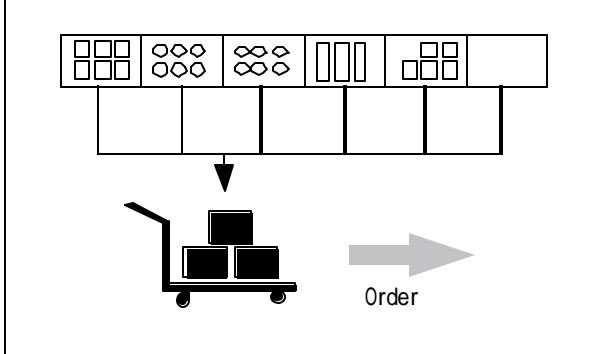
## 7. DPS(Digital Picking System)

N O	Manual		DPS	
		SEC		SEC
1	Picking List			
2	Picking Box Conveyor			
3	Picking List (LOC.NO)	2	DPS	0.5
4	LOCATION	3	LOCATION	2
5	Picking	2		0.5
6	Picking	2	Picking	2
7	BOX	3	BOX	3
8	Picking List	2	Button	0.5
9	Picking List	2		0.5
10				
		16		9

\*) Picking List

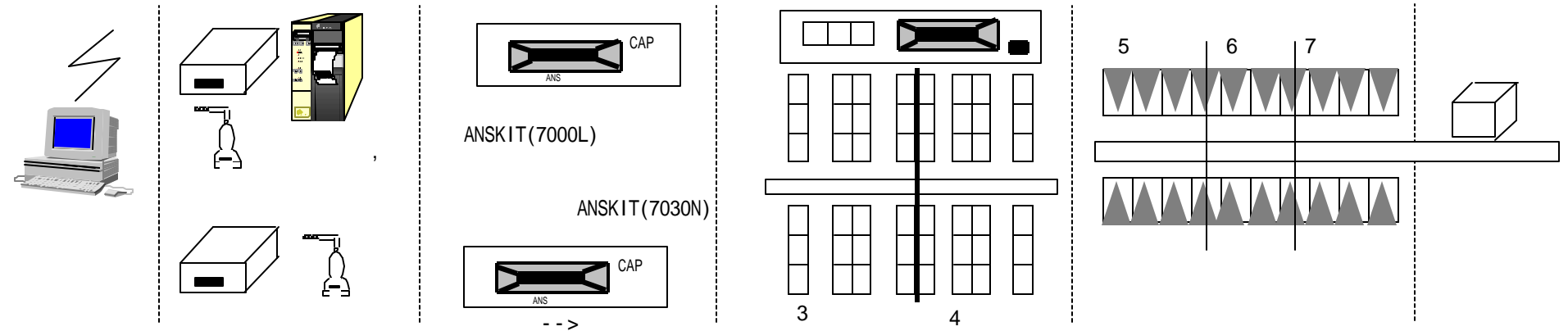
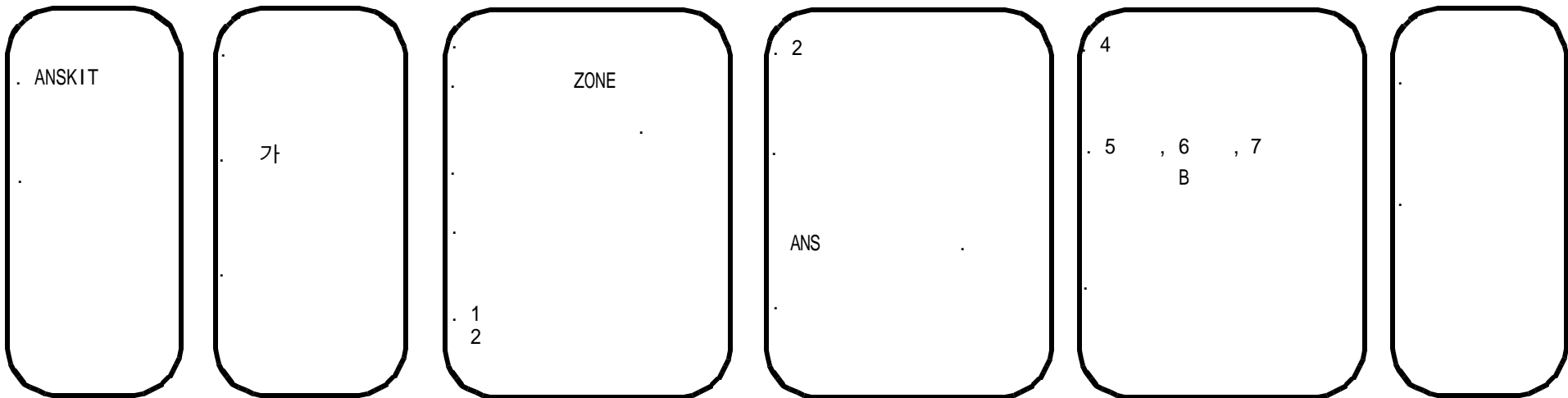
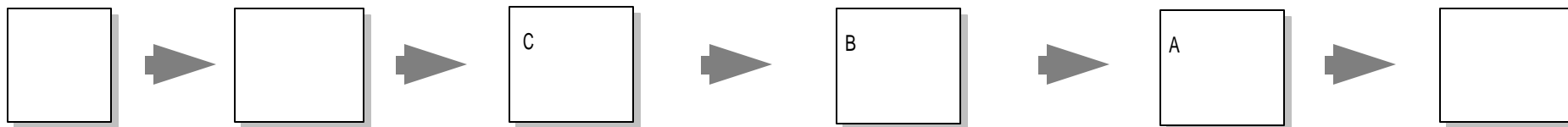


(Assorting) (Picking)

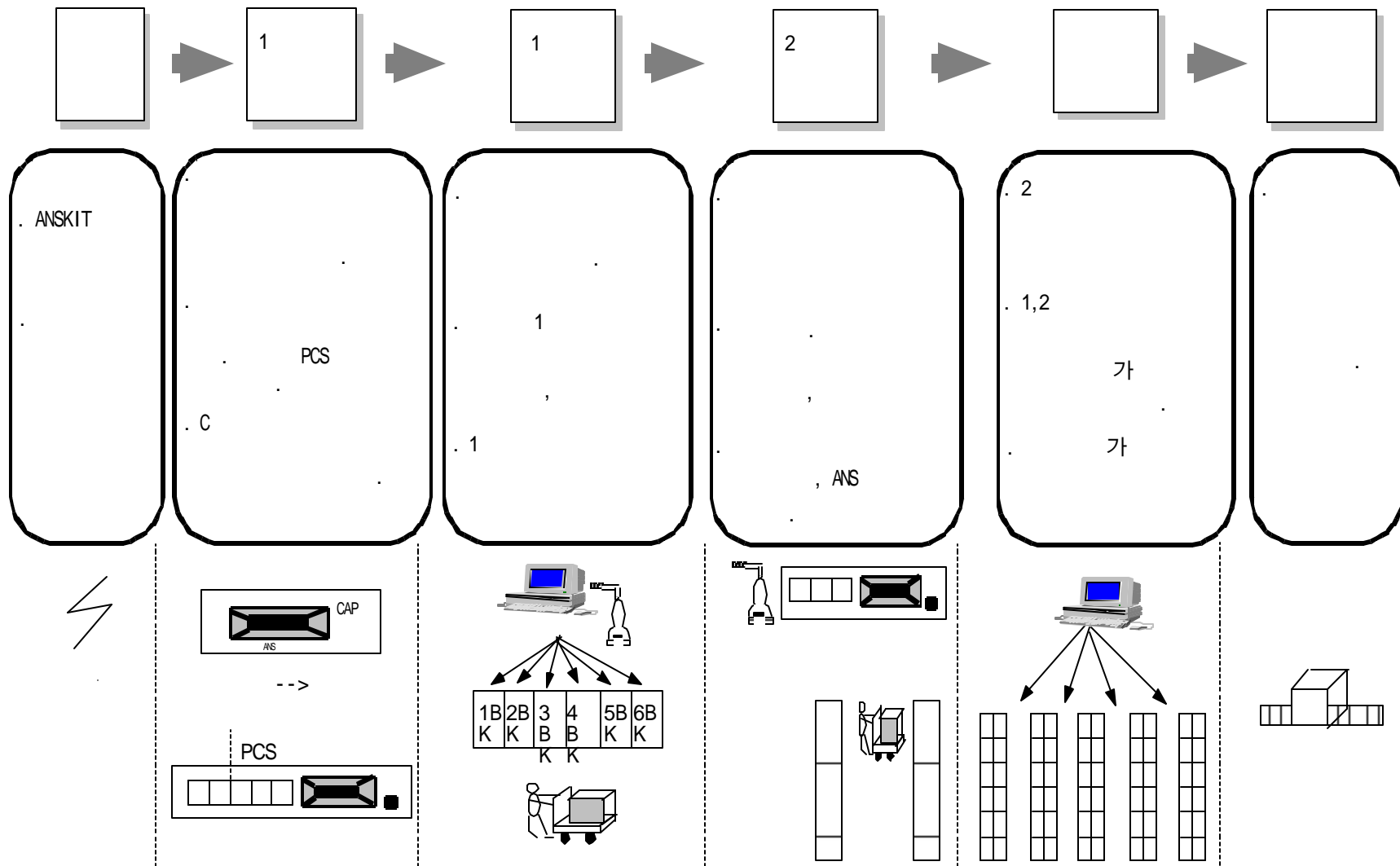
	(Assorting)		(Picking)	
				
	Hit	가	가	○
		가		○
			가	○
	가	Assorting	가	가
	Assorting	가		○
,	Assorting	가	,	가
가	Sorter, Digital Assorting System	—	Digital Picking System, Picking System	—
	Hit	○	,	○

	DPS	+	DPS	+	(DPS)
	[ ] 小林 : 12	:	[ ] :6,000 :3,444 :8,000		
	小林 , 가 ,	/ , ,昭和	, / ,		精工, , KCS
	DPS :1,300 [小林 ] :7,000-7,500 :500	:401 / :208	28 45 20 /		:540 :280
	가 : 20,000 小林 : 9,000	: 5,000 : 2,600	: 20,000 SKU / : 5,000		: 15,000 : 70,000-80,000/
	300 /人時	24,000 / (12,000 /H X 2 )	150 /人時		
	小林 : 900 /	: 5,000 : 1,350	: 1,500 / : 3,000		: : 450
	小林 40CBKTx7.5H = 3,000BKT/ (10 /BKT)	: 240,000	: 4,000 / / :3000 /		: 9,000 /
	: 0.03% [小林 ] : 0.05%	昭和 : 0.03% : 0.03%	:0.05% / :0.004%( )		
	(小林 )		: ( ) / :		(30 )

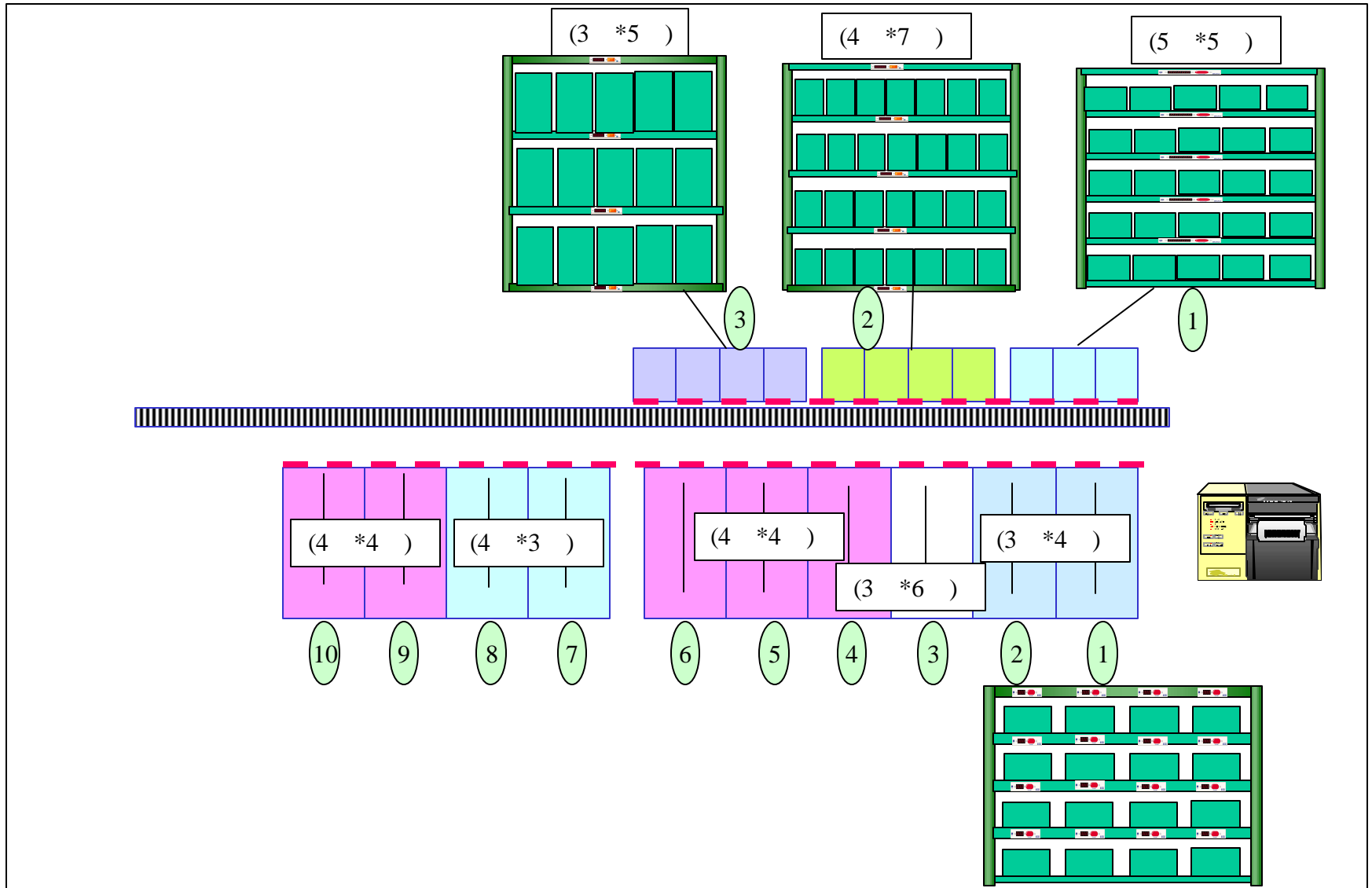
# DPS(Digital Picking System)



# DAS(Digital Assorting System)



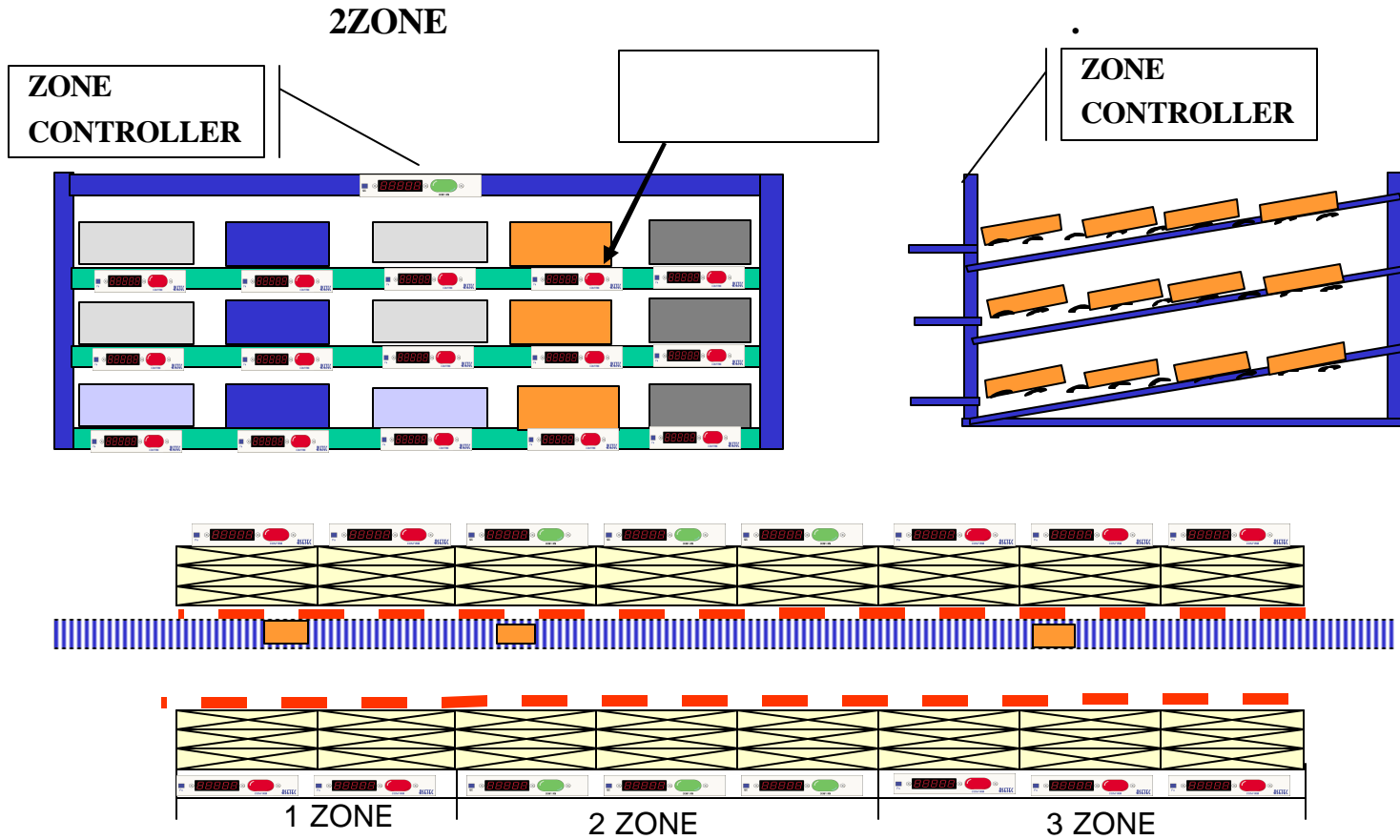
# 8. DPS(Digital Picking System)



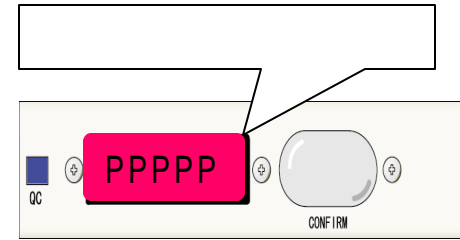
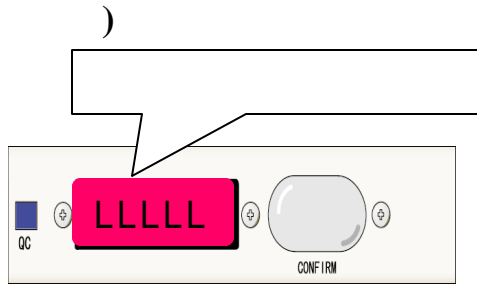
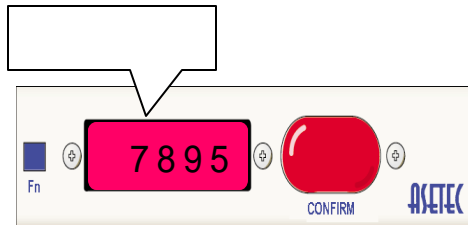
8-1. DPS

가. ZONE CONTROLLER( ):

- ZONE CONTROLLER( ) RACK .
- ZONE 1~8ZONE .
- ZONE . ZONE .
- ZONECONTROLLER( ) .
- : 1ZONE (?)



**. ZONE CONTROLLER(**



**- ZONE CONTROLLER(**

- 가
- ZONE
- ZONE
- ZONE

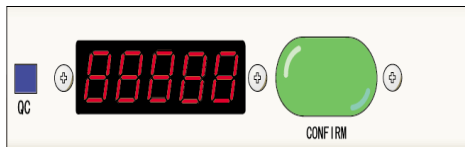
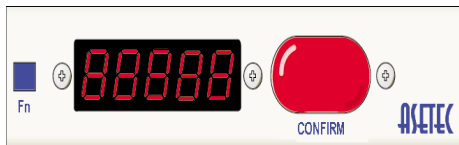
)

가

가

(?)

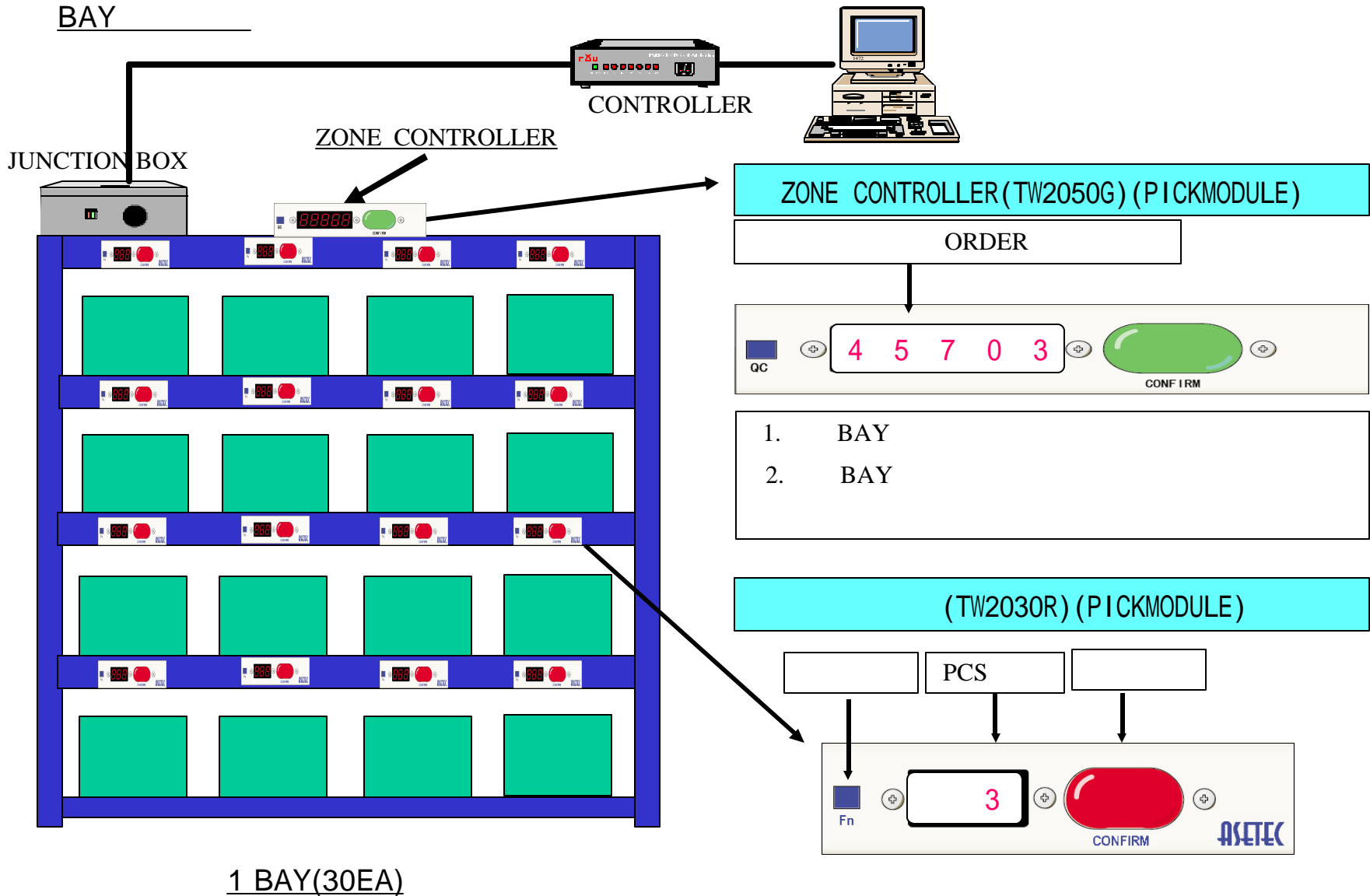
가



ZONE

ZONE

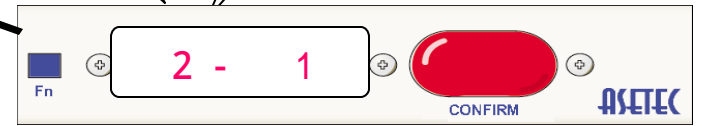
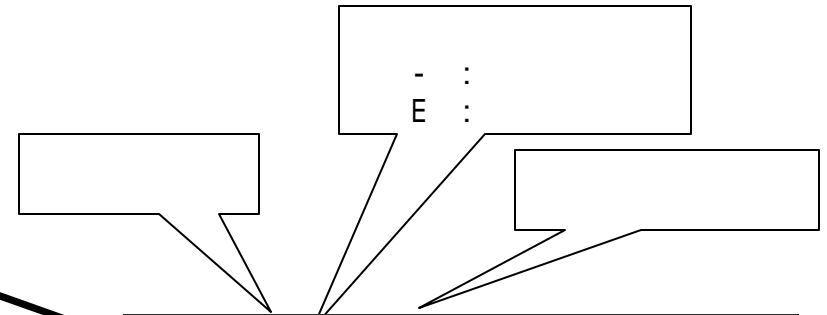
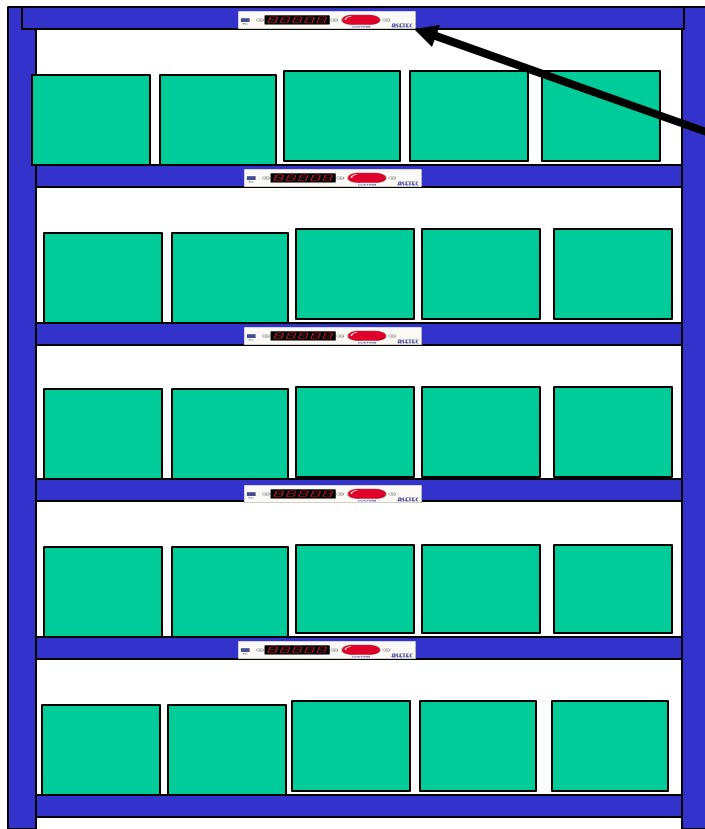
(PICKING MODULE IMAGE)



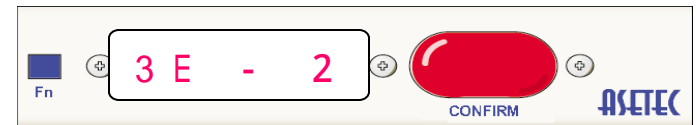
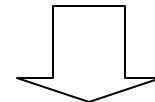


•1~5

1



: 2 12  
- : :

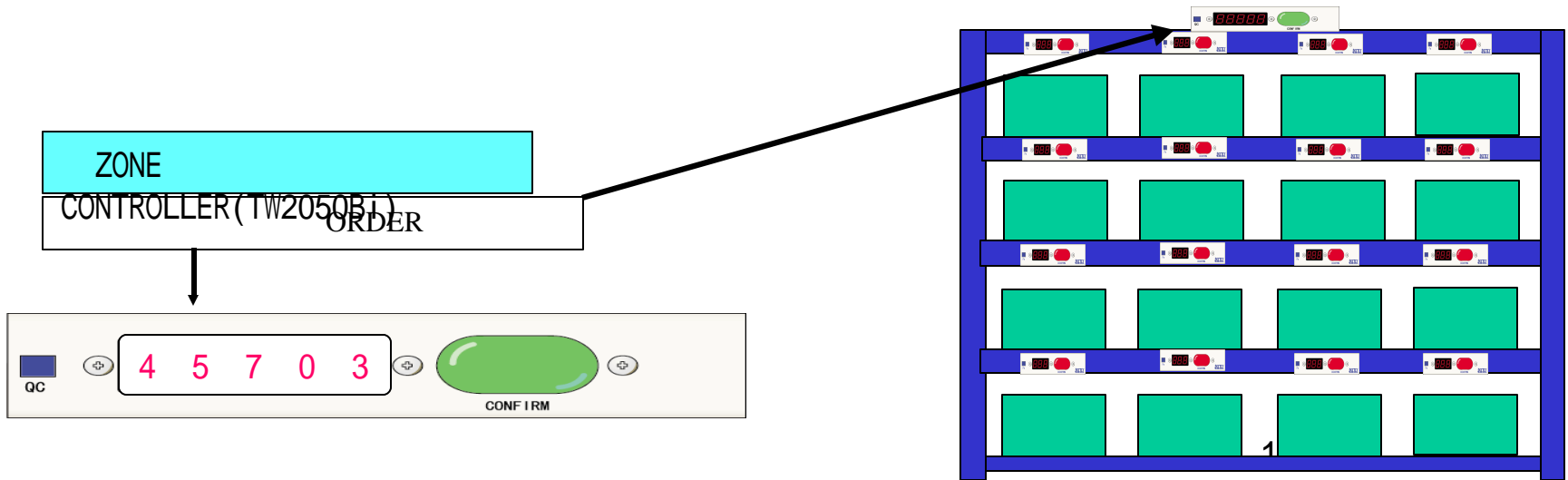


: 3 15  
- :

## 8-2. DPS KEY POINT

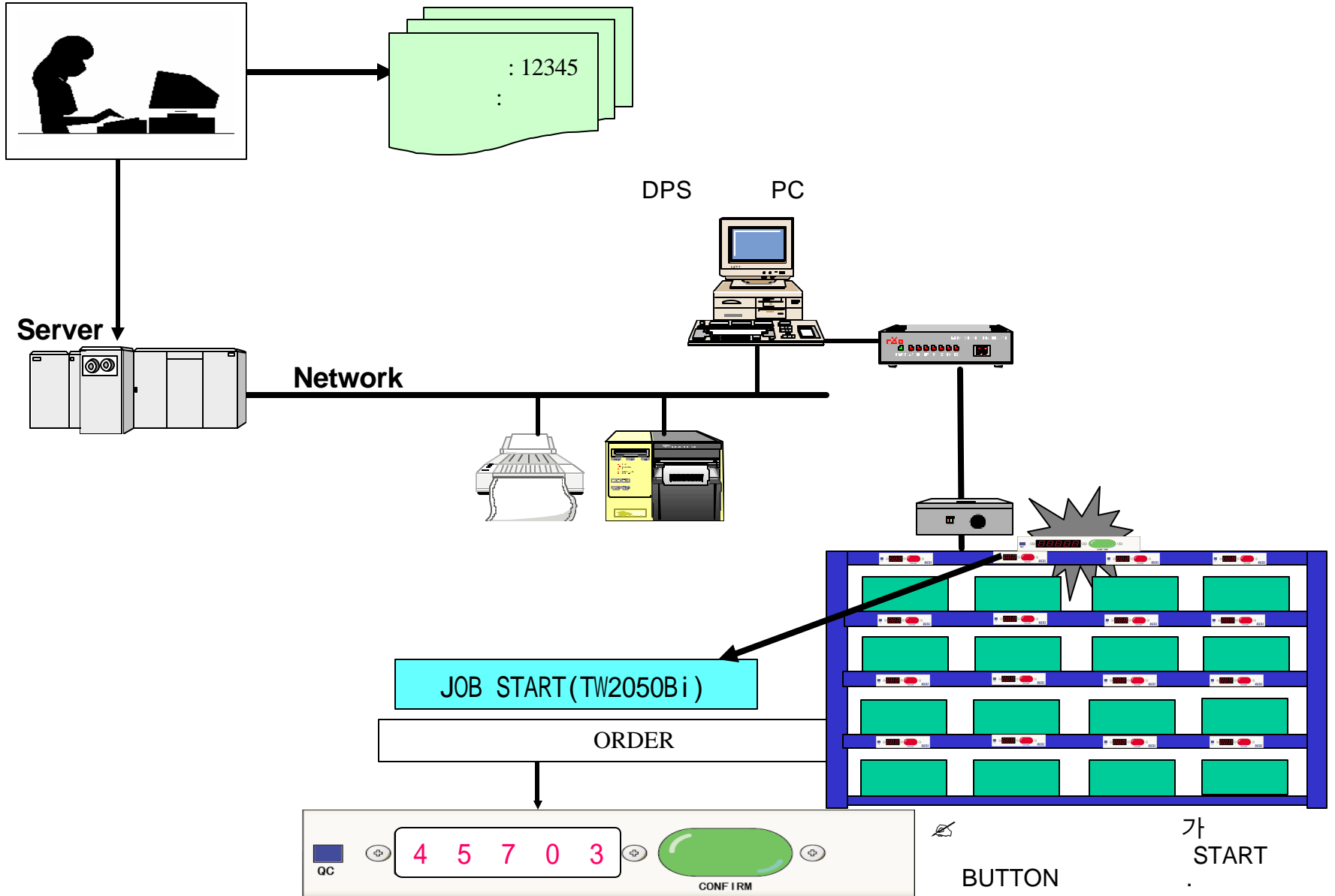
### 가. ZONE CONTROLLER

ZONE PICKING BOX BAY  
 ZONE CONTROLLER  
 가 PICKING .( 가 )

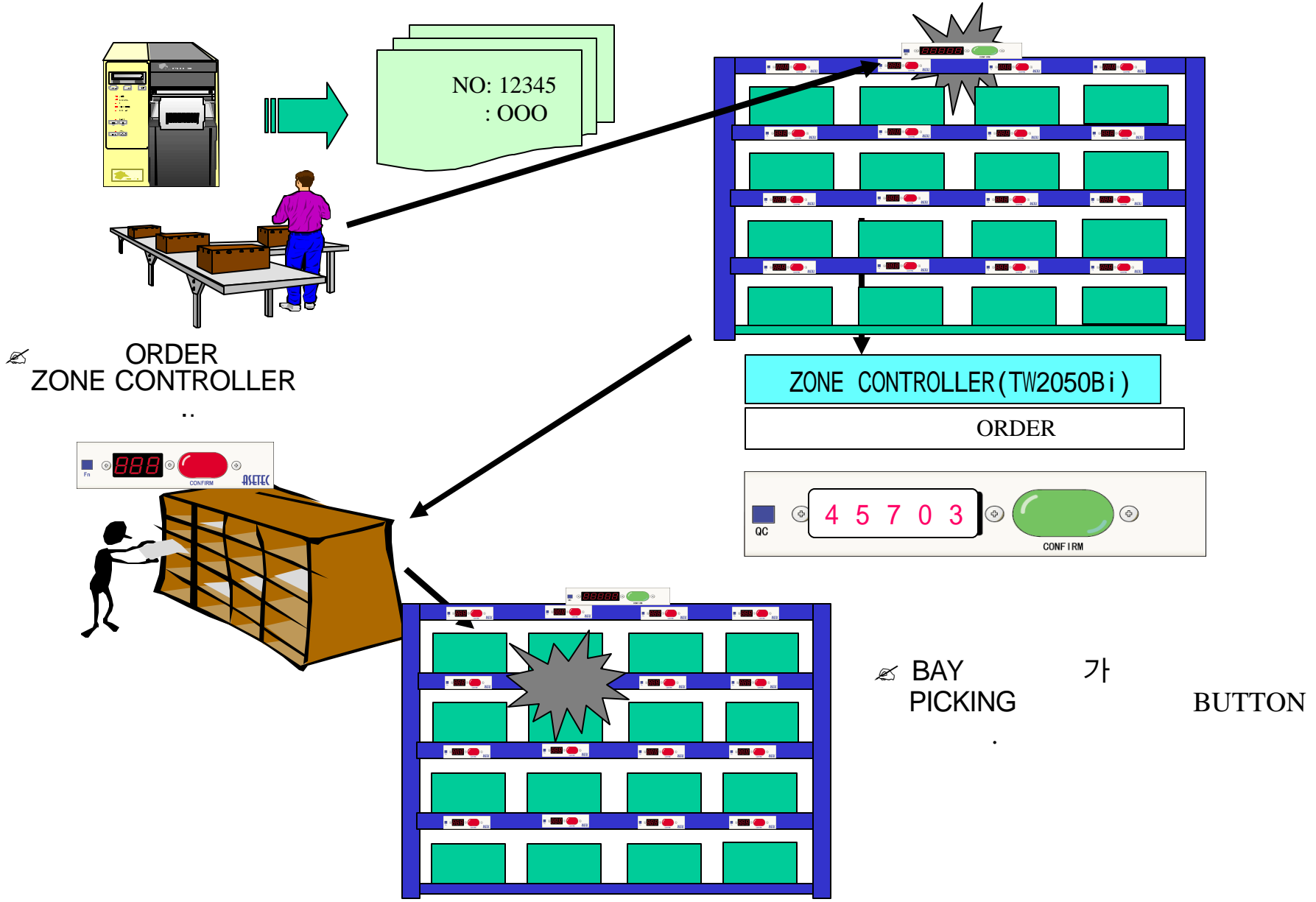


ZONE BAY PICKING MODULE ZONE CONTROLLER  
 ORDER 가 .  
 BAY .  
 ZONE 가 .

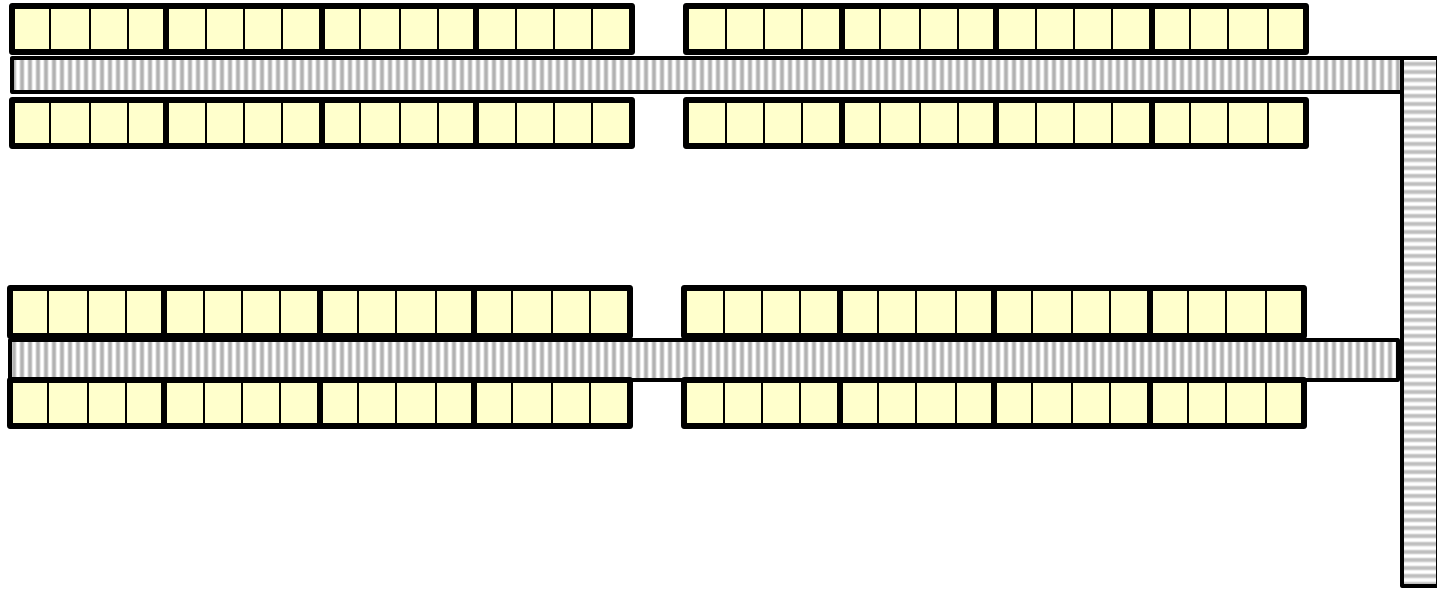
. DPS FLOW



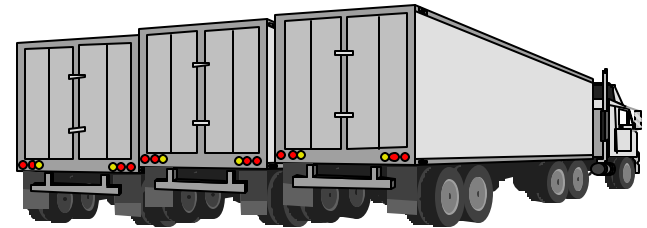
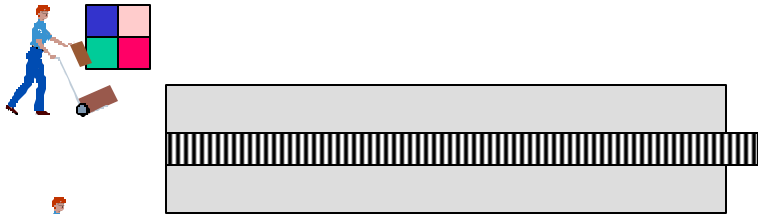
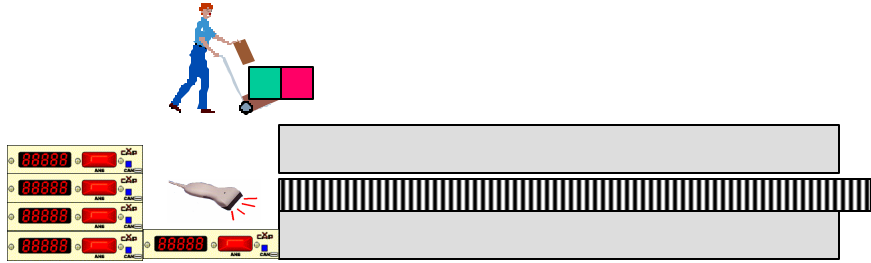
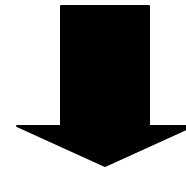
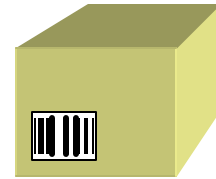
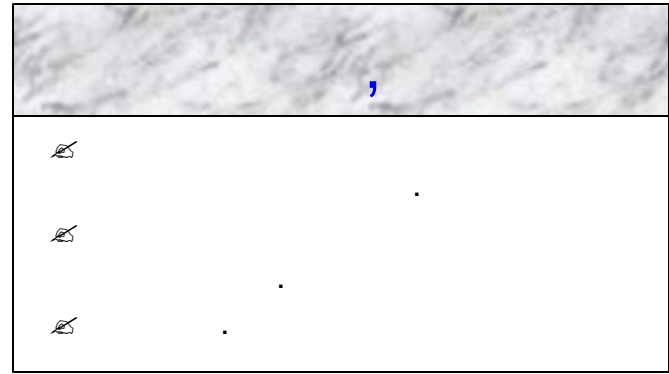
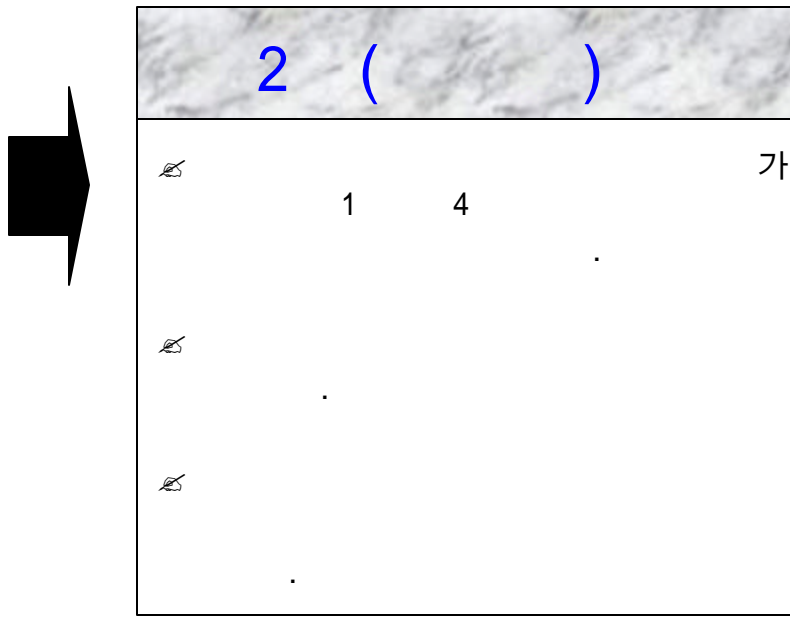
. DPS FLOW



## 9. DAS(Digital Assorting System)



# 9-1. DAS



가.

1)

ANSKIT(TW2050)

ANS

가

2)

( 4 )

( )

3)

(ANSKIT(TW2050R)

(TW2050Bi)

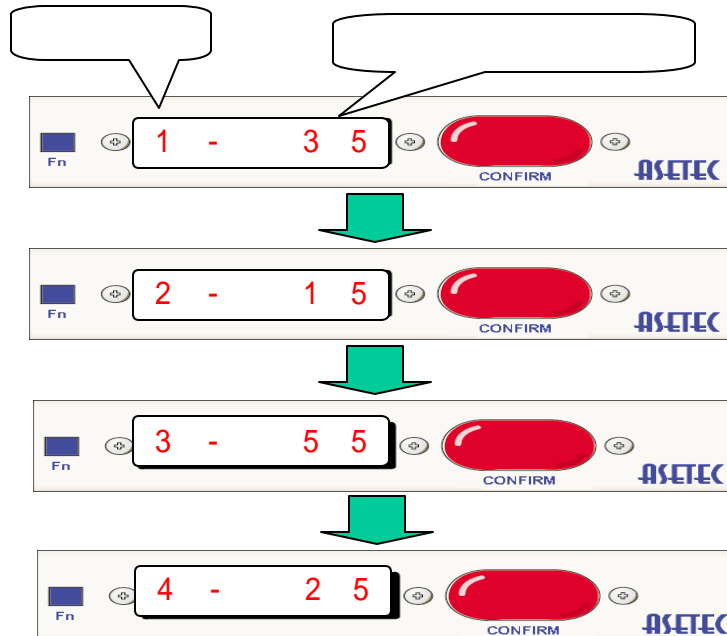
, DAS

가

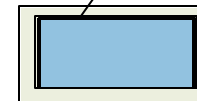
4)1

4가

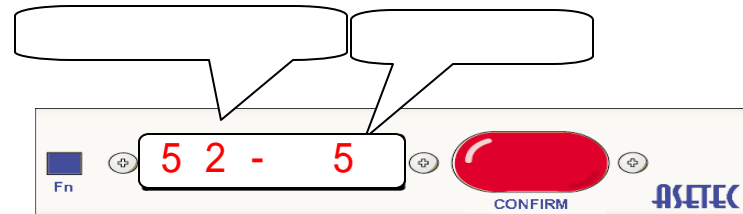
, ANSKIT(TW2050R)



1 - 589670 - YELLOW - 95 - 10
2 - 589670 - YELLOW - 100 - 5
3 - 589670 - RED - 95 - 3
4 - 589670 - RED - 100 - 7



(OPTION)

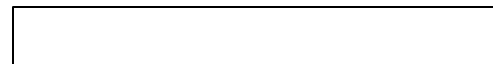
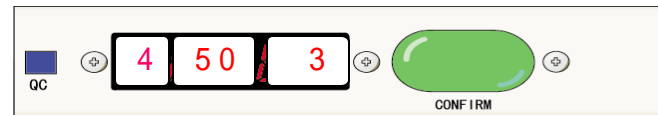
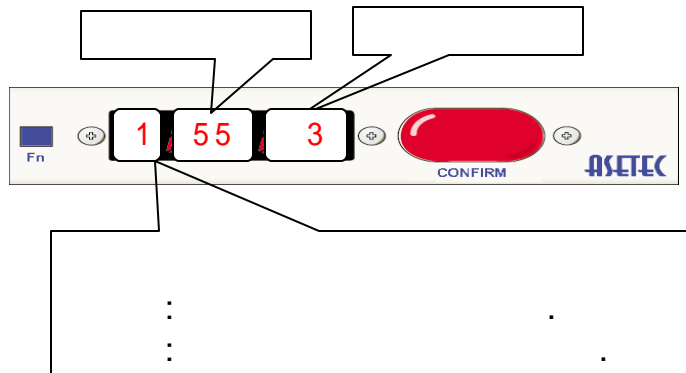


1) , 가

2) , .

3) 가

4) - End - 가





Full

가

,

가

•

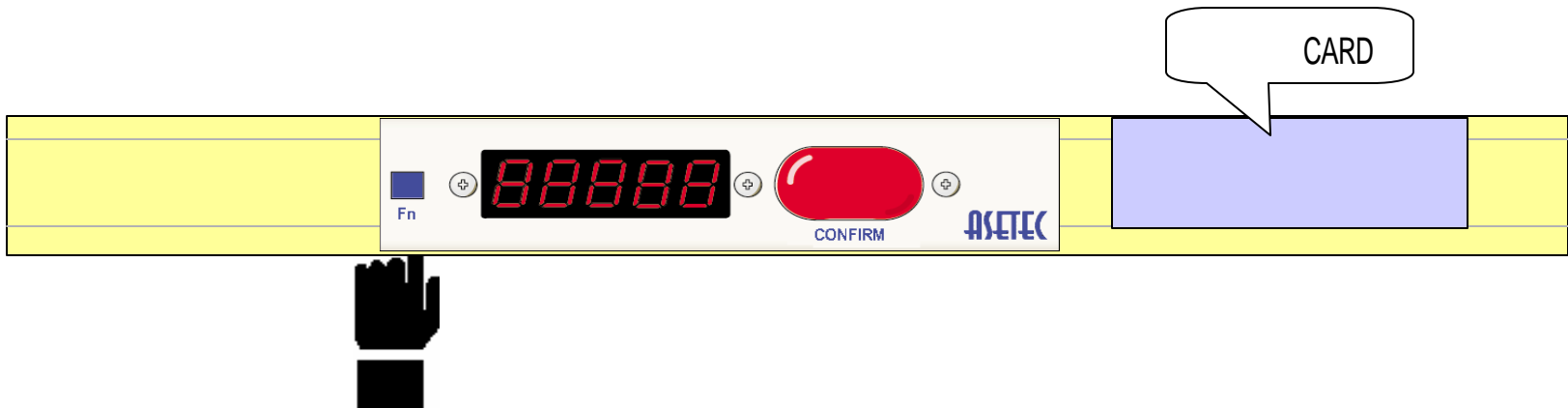
Full

• FULL

•

- END - 가

,



1.  
 2. / /  
 3. ( , ,가  
 )  
 4.

1.  
 2. /  
 4. (1/3,2/3,3/3  
 )

10.

# DPS

가

가

가

2

가 가

1.

Duct

Duct

2

Rail

Duct

Duct

Cable(

10p Flat Cable)

2.

One Touch

Duct

, Sliding

3.

가

가

Trouble

4.

2

Rail

5.

Controller

2

Controller

4 Channel

(1

가 )

6.

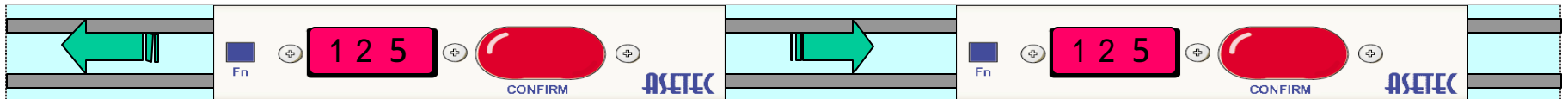
ANSKIT

LSI

( , , )

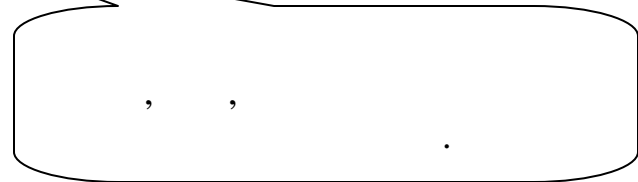
가

가 )



# 10. DPS

1. , 가, 가 , 가 .
2. 가 LAYOUT 가 , 가, 가 .
3. 가 가 .
4. 가 가 .
5. 2 ( 가 가 . )  
 ( ,7-11) CVS SW DPS 가 가 )



**DPS ( . )**

<p><b>CVS.</b></p> <ul style="list-style-type: none"> <li>• [ ] (DPS )-</li> <li>• [ ] (DPS )-</li> <li>• (DAS )- , ,</li> <li>(DAS) : , , , , ,</li> <li>(DPS)</li> <li>• BG (DAS ) : LG (CVS)</li> <li>• (DAS ) : (CVS)</li> <li>• (DPS ) : (CVS)</li> <li>• (DAS ) :</li> </ul>	<ul style="list-style-type: none"> <li>• (DPS ) :</li> <li>• (DPS ) :</li> <li>• (DPS ) : ( )</li> <li>• CAREBEST(DPS ) :</li> <li>• (DPS ) :</li> <li>• [ ] :</li> <li>• (DPS ) :</li> <li>• :</li> </ul>
<ul style="list-style-type: none"> <li>• (DAS )</li> <li>• (DPS ) :</li> <li>• (DAS )</li> <li>• (DAS )</li> <li>• (DAS ) :</li> <li>• (DAS ) :</li> <li>• (DAS ) :</li> <li>• (DPS ) :</li> <li>• (DAS ) :</li> <li>• F&amp;k(DAS ) :</li> </ul>	<ul style="list-style-type: none"> <li>• (DPS ) :</li> <li>• (DPS ) :</li> <li>• (DPS ) : /</li> </ul>
<p><b>Internet.</b></p> <ul style="list-style-type: none"> <li>• (DPS ) : ,</li> <li>• (DPS ) :</li> <li>• SK (DAS ) : DtoD ( )</li> <li>• LG (DAS ) : ( )</li> </ul>	<p>( )</p> <ul style="list-style-type: none"> <li>• (DPS S/W) : CVS &amp; SUPER</li> <li>• (DPS S/W) : (1 , 2 )</li> <li>• (DPS S/W) : (3 )</li> <li>• (DPS S/W) :</li> <li>• (DAS S/W) [ 百貨店 ] :</li> <li>• (DAS S/W) :</li> <li>• Mini Stop(DAS S/W) : CVS( )</li> <li>• ( S/W) : / /</li> <li>• 가 가 (DAS S/W) : /</li> <li>• (DAS LABEL S/W) :</li> <li>• (DAS S/W) :</li> <li>• (DAS S/W) : FF/</li> <li>• ( S/W) :</li> </ul>