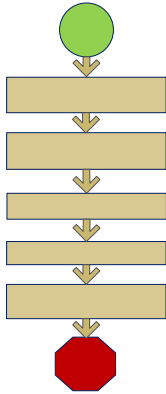


가

iVu Plus TG Gen2
가

PC



가 iVu Plus TG

CD

- iVu Plus TG Gen2 () (, P/N 179044)
- iVu Plus TG Gen2 () (, P/N 179045)
- iVu Plus TG Gen2 (P/N 179042)
- iVu Plus TG Gen2 (P/N 179046)
- iVu Plus 가 (P/N B_3084218)
- iVu Plus (P/N B_3095133)



가 가 가 가



(ESD) 가

iVu Plus TG

가

Banner

3

3

M4 x 4 mm

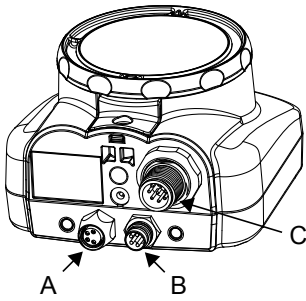
3

1: iVu

SMBI VURAL	SMBI VURAR	SMBI VUU
		

가 iVu Plus

, I/O (C) I/O



A USB

B

C I/O



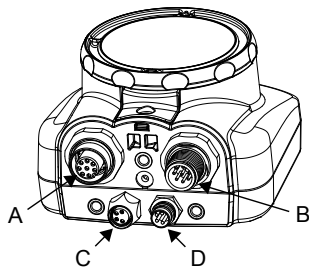
: . C-

I/O			
가	iVu Plus		
1		1	
2		10~30 V dc	
3		2	
4		(5 V dc)	
5			
6			
7		()	
8			
9		3	
10		RS-232 TX	
11		RS-232	
12		RS-232 Rx	

가 iVu Plus

, I/O (B)

I/O



A

B I/O

C USB

D



: C-

I/O			
1		1	
2		10~30 V dc	
3		2	
4		(5 V dc)	
5			
6			
7		()	
8			
9		3	
10		RS-232 TX	
11		RS-232	
12		RS-232 Rx	

iVu Plus TG 가

Live()

Main Menu() > System() > Mode()



: Main Menu() > System() > Mode()

()가

가

-
-
-
-

(: 가)

(:) , 가 가

- 가
- 가

가 가

- /
-
-
-
-

10

10

-
-

- iVu 가
1. Main Menu() > Imager() > Auto Exposure() Auto Exposure()
 2.
 - ()
 - Banner
 - 가
 3. Main Menu() > Imager() > Auto Exposure() Auto Exposure()
 - Gain() Exposure()
 - > >



- > >



4. Main Menu() > Imager() > Focus() Focus Number()



1. 1/16 (B). (D) iVu
 2. Focus Number()가



가



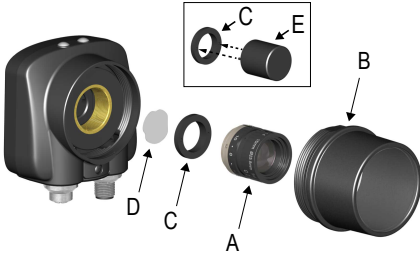

3.

	A	
	B	
	C	
	D	
	E	()
	F	()
	가	

C-

- 1.
- 2.
- 3.

Focus Number()가

C-	
	A C-
	B
	C ()
	D ()
	E
	

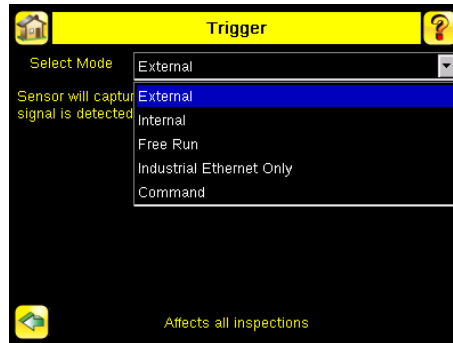
> >

가
 nal Trigger() (), Free Run(), Industrial Ethernet Only(), External Trigger(), Inter-Command()

- Internal Trigger() 가 10 ~ 10000



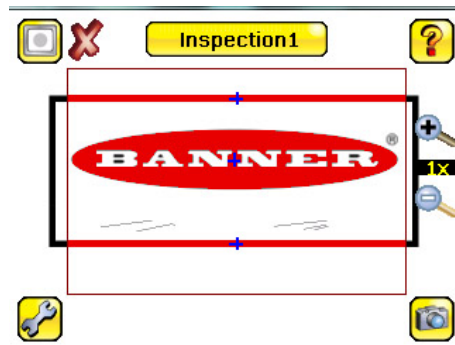
- External Trigger() 가
- Free Run() 가
- Command()
- Industrial Ethernet Only()



(FOV)

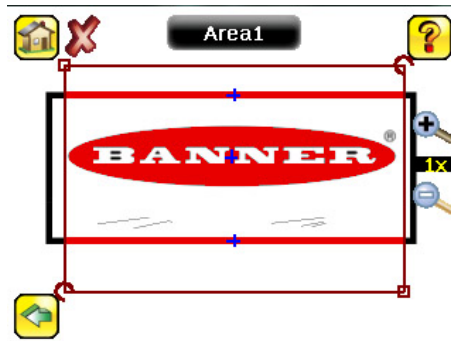
(ROI)

. ROI



1. ROI
ROI

ROI



2. ROI

Banner



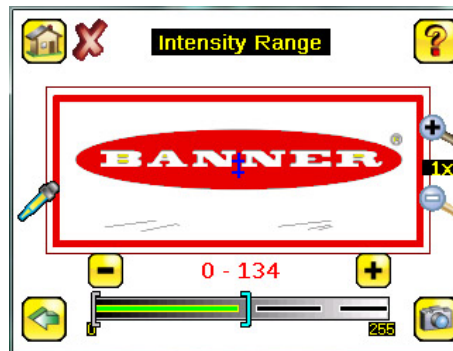
3.

ROI

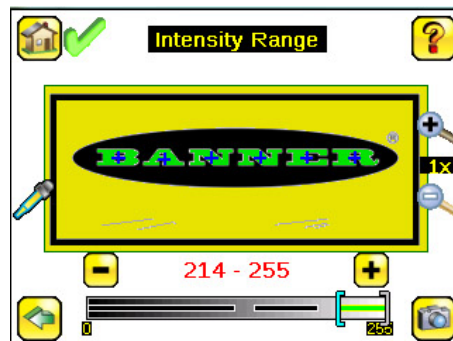


4.

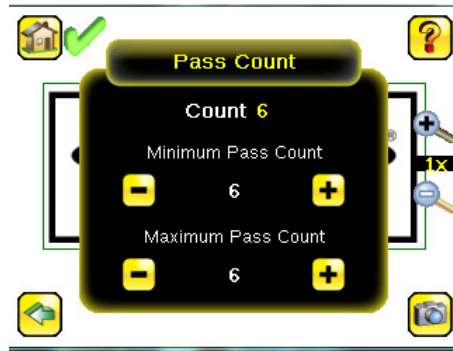
- Intensity Range() 가




- Area Range() . Area Range() 가
가 100 x 200 20,000
1. 가 (+). 가



- Pass Count() . Minimum Pass Count()
1. Minimum Pass Count(6) Maximum Pass Count()



5. 가 가 ROI 가

6.  :

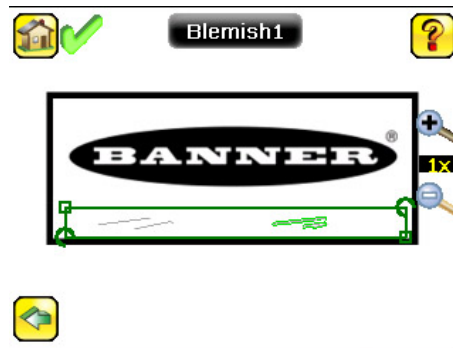
가 ROI 가

(FOV)

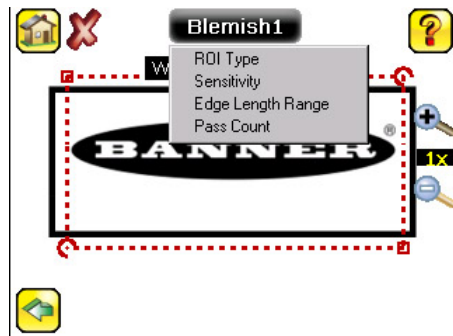
1. (ROI)
2

ROI

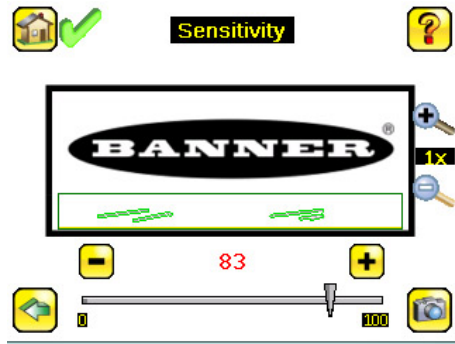
Banner



2. ROI

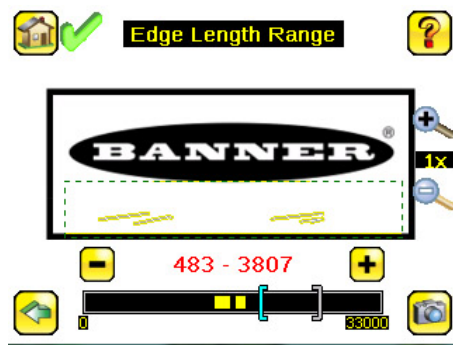


• Sensitivity() Sensitivity() ROI 가 가
가 가 0 100 가 0 100 가 가
0 가 가 가 가 가 가 가
1. 가 가



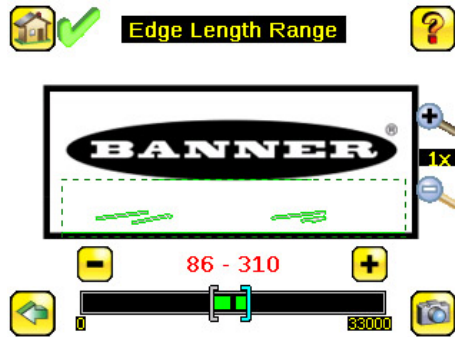
- Edge Length Range(가
 . Edge Length Range(가
 [] 가

)) ROI 가 가
) 가 가



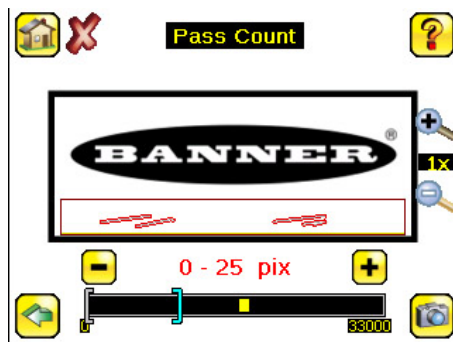
1.

가



- Pass Count()

가 가 가



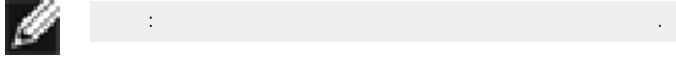
1.



가

3. 가

4.

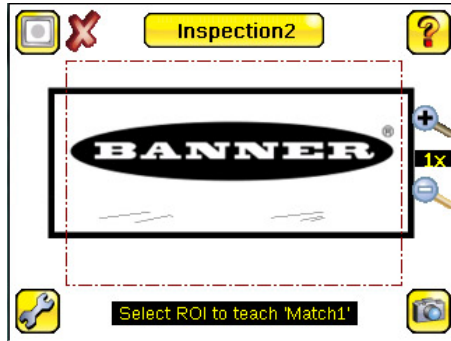


(FOV)

1.

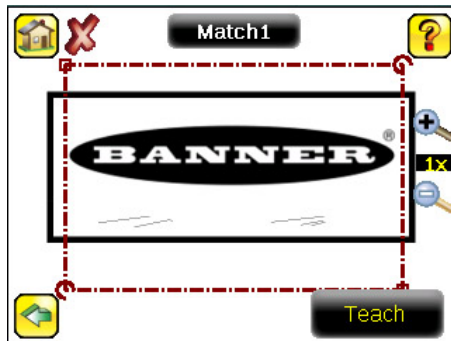
(ROI)

ROI



2. ROI

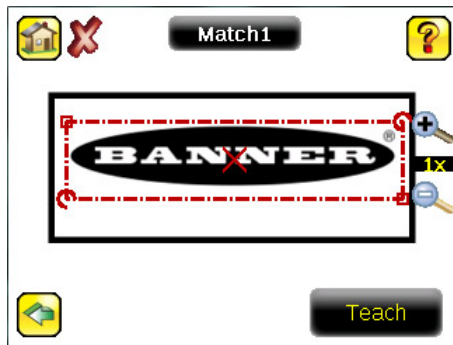
ROI 가



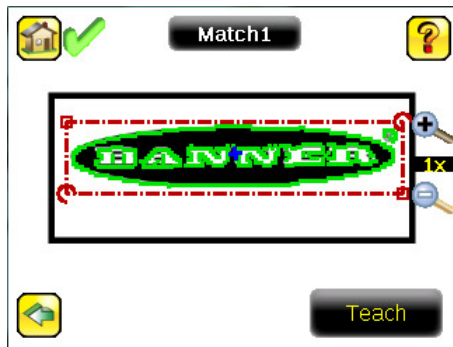
3.

ROI

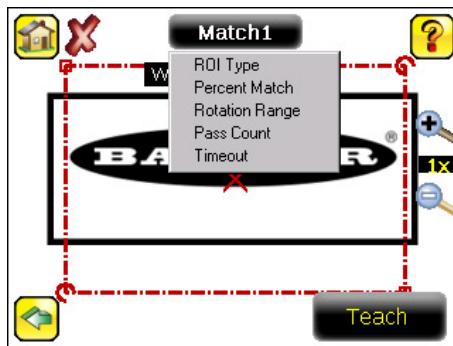
Banner



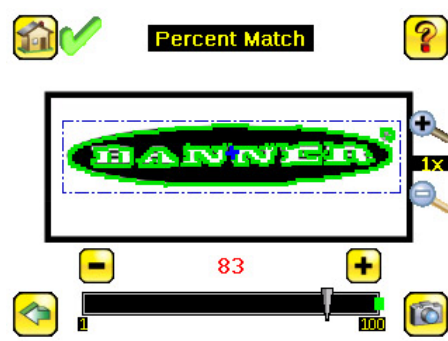
4. Teach()



5.



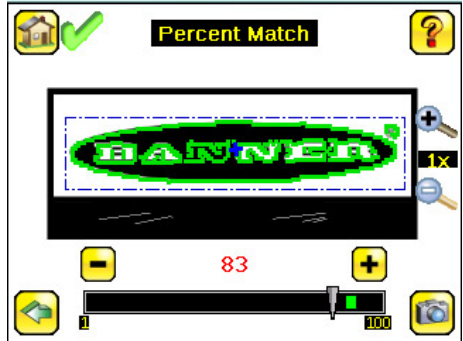
- Percent Match() 가 Percent Match() 0 100 0



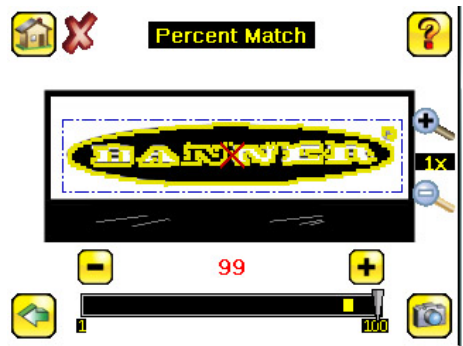


Percent Match() (%)
 Percent Match() (%)
 Rotation Range() ()

1. Manual Trigger()
 "N" 가



2. Manual Trigger()

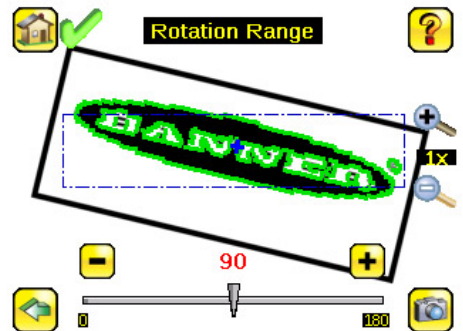


- Rotation Range() Rotation Range() 45 가 45 가
 0 180



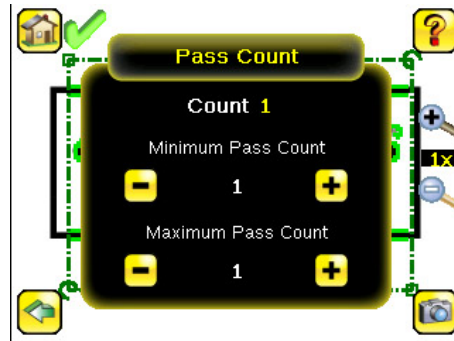
(%) (%) (%)
 92% 99%

Rotation Range() :
 1. (180°)



- Pass Count() Minimum Pass Count()

1. Minimum Pass Count() Maximum Pass Count() 가



6. 가

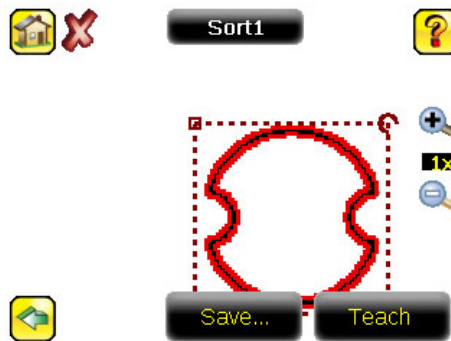
7.



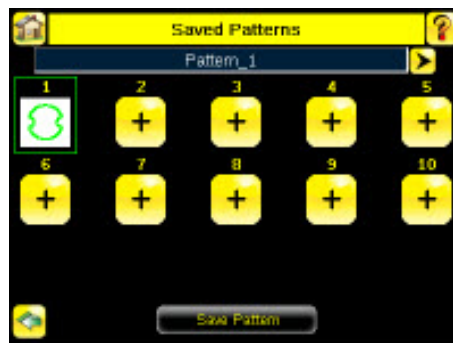
: 가 가

1.

(ROI)



2. Save() ROI Teach() ROI



3. :

: 가 ROI

: ROI 가 가

- Sort1**
- ROI Type
 - Saved Patterns
 - Percent Match
 - Rotation Range
 - Pass Criteria
 - Timeout

: 가 가

• Percent Match((%)) 10 가
 (%) 0 100 , 0 , 100
 50 ~ 90

: 가 (%) (%)
 20%

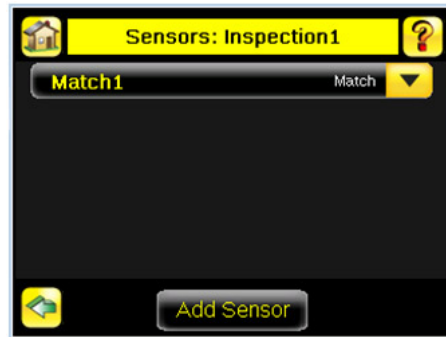
• Rotation Range() 45 가 45 0 180
 가 가

4.

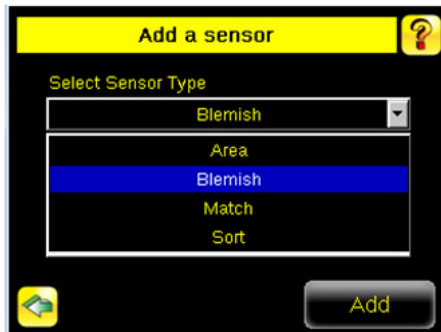
5. Pass Criteria() (2 가).
- Any Saved Pattern() – 가 Pattern_1, Pattern_2
 - All Saved Pattern() – 가 Pattern_1 Pattern_2
 - Single Saved Pattern() – 가 Pattern_1 Pattern_2
 - Specific Save Pattern() (: Pattern_2) – 가 Pat-tern_2

6.

> > > 가
 가 가 가

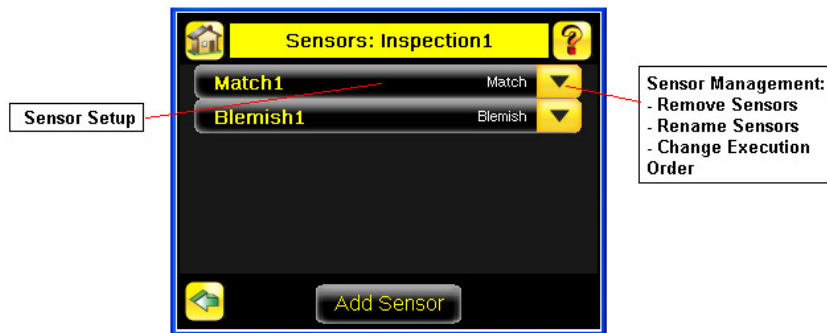


1. Add Sensor(가) 가

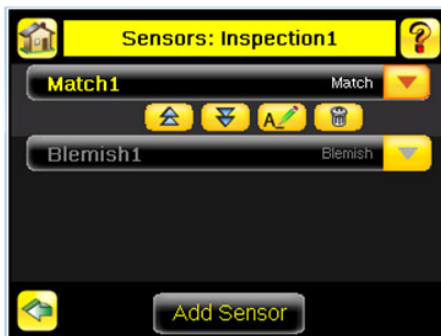


2. Add(가)





가



3. Sensor Setup() ()



4.

가

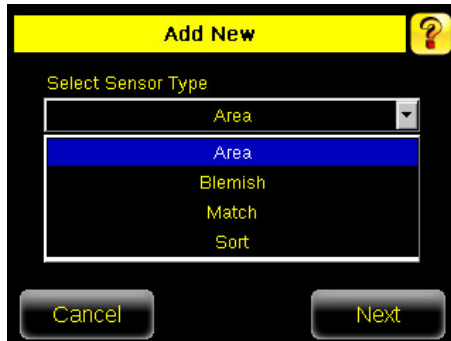
가

가

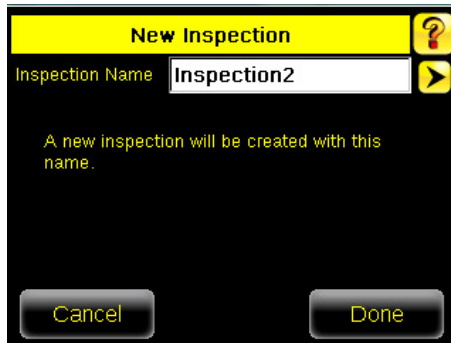
가

가

- 가 :
1. Main Menu() > Inspection() > Stored Inspections() Add New(가)



2. Next()

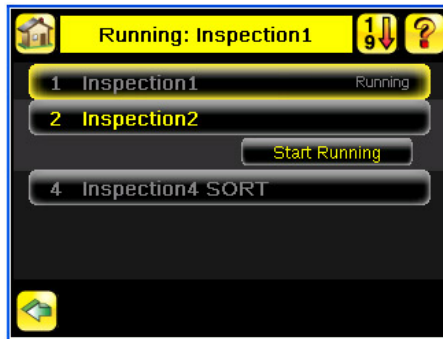


3. Done() 가 가

1. Home()



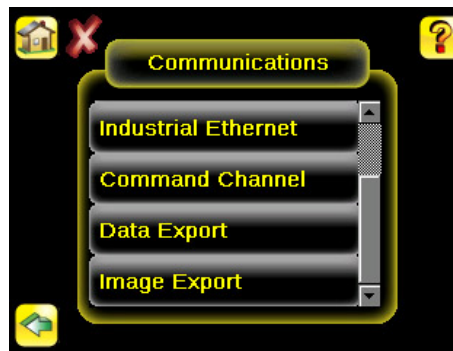
2. Start Running()



iVu Plus

iVu Plus IP TCP UART (RS-232) iVu Plus

iVu Plus TG cations() 4 Main Menu() > System() > Communi-



- - ASCII 가 iVu Plus
- - 가 /IP, Modbus/TCP PCCC
- -
- -

가 I/O ().

	1	2	3
	I/O	I/O	I/O

Banner Engineering Corp

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Banner Engineering Corp. BANNER ENGINEERING CORP.
가
Banner Engineering Corp. 가 Banner Engineering Corp.