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# Training for human screening R300-D

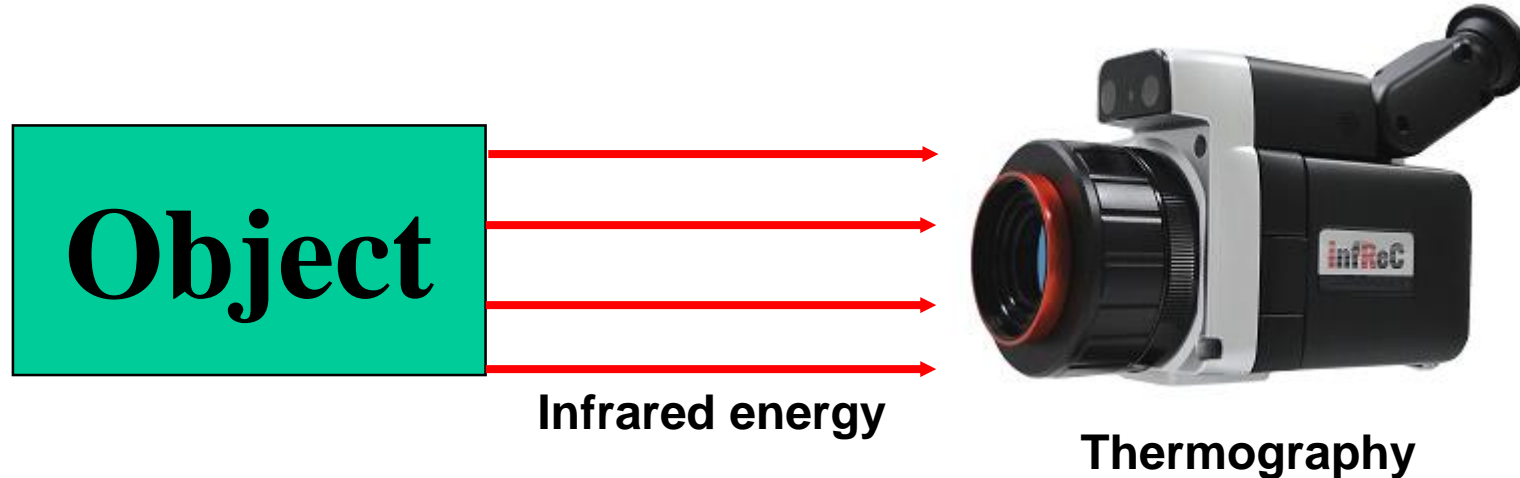


**NIPPON AVIONICS CO., LTD.**  
**Infrared & Measuring Equipment**  
**Division**

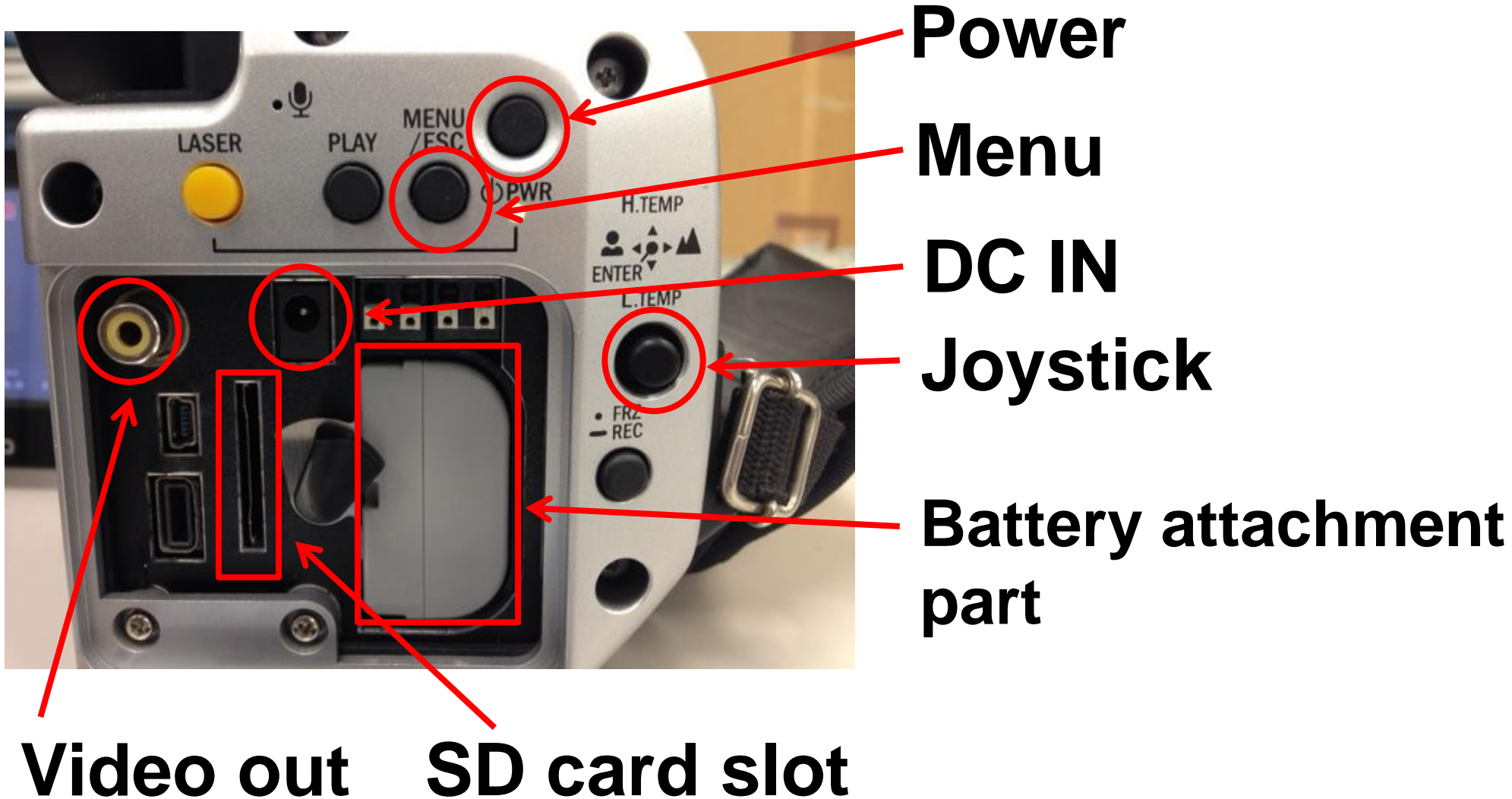
- **STEP 1 : What is Thermography?**
- **STEP 2 : SETTING ALARM**
- **STEP 3 : SETTING COLOR ALARM**
- **STEP 4 : TRACE MAX CURSOR**

# What is Thermography?

“Infrared Thermography” is the machine which is detect Infrared energy from radiating object surface, and it can indicate 2D temperature distribution.



# FUNCTION OF EACH BUTTON AND TERMINAL



# FUNCTION OF EACH BUTTON AND TERMINAL



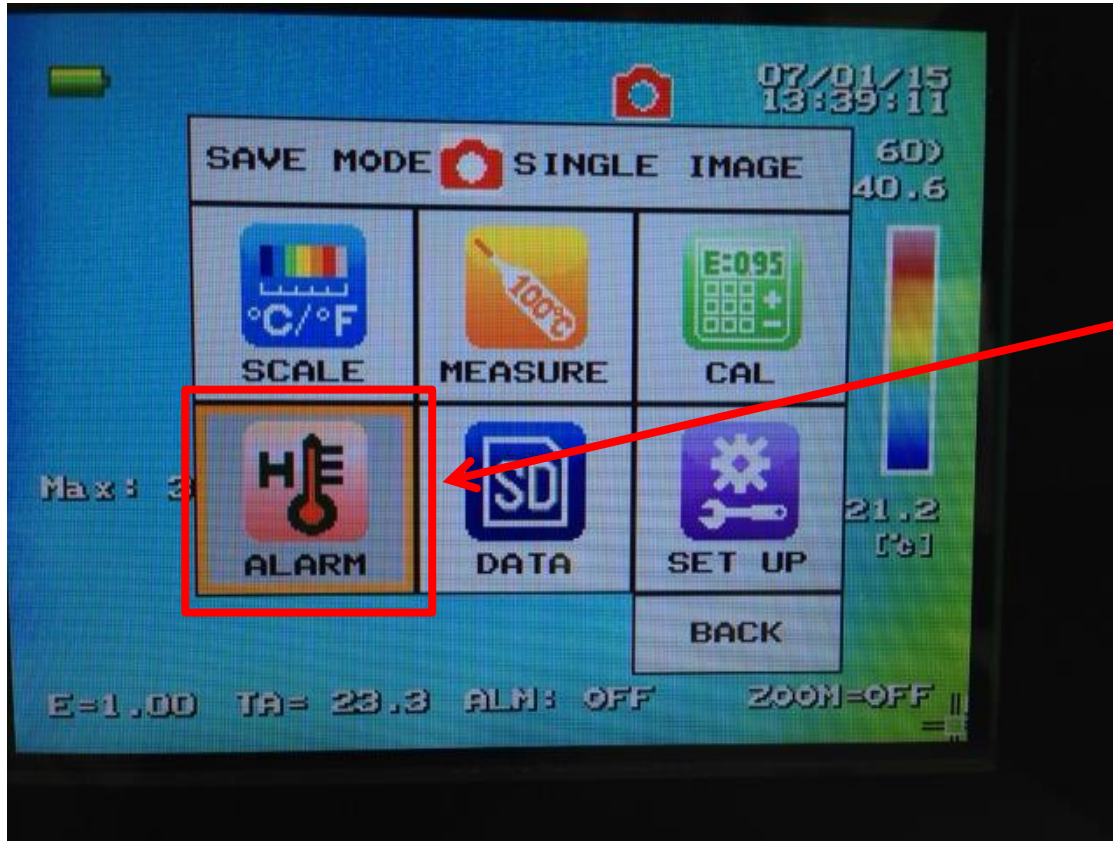
**Manual Focus**

**Auto Focus**

**Auto Scale**

**Switch the mode**

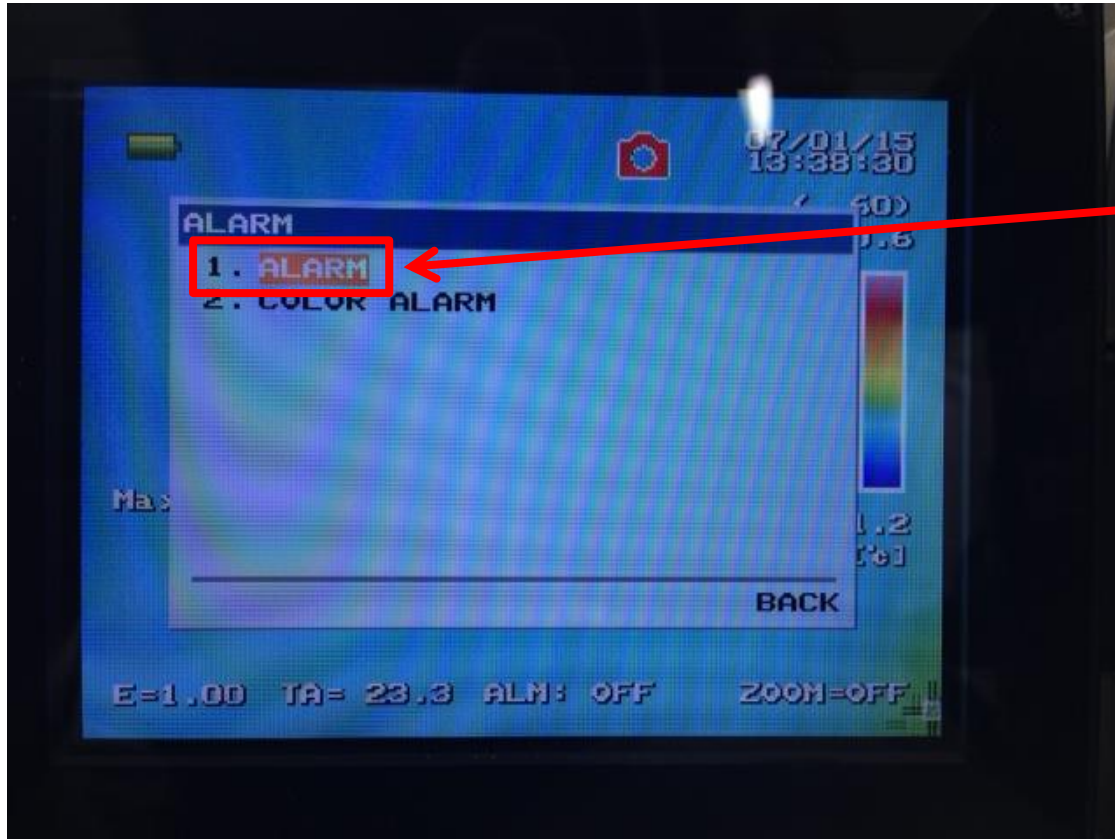
# SETTING ALARM



Select "ALARM"

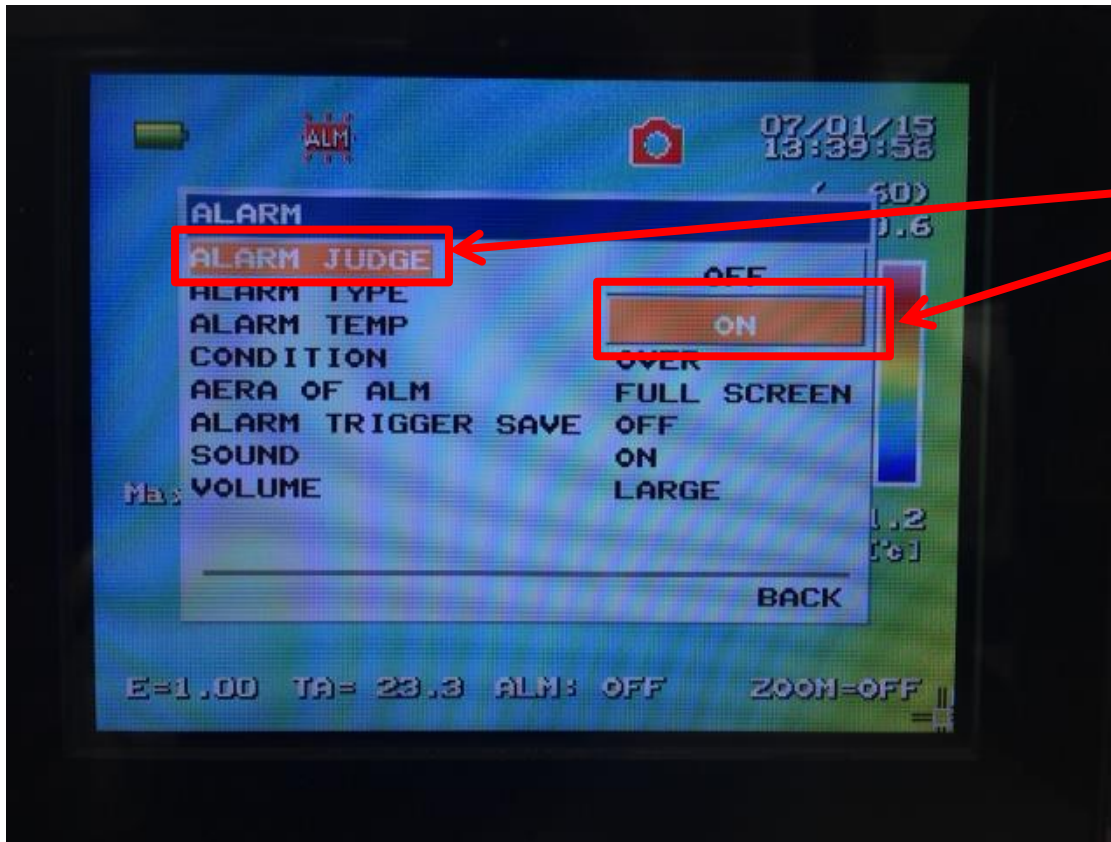


# SETTING ALARM



Select "ALARM"

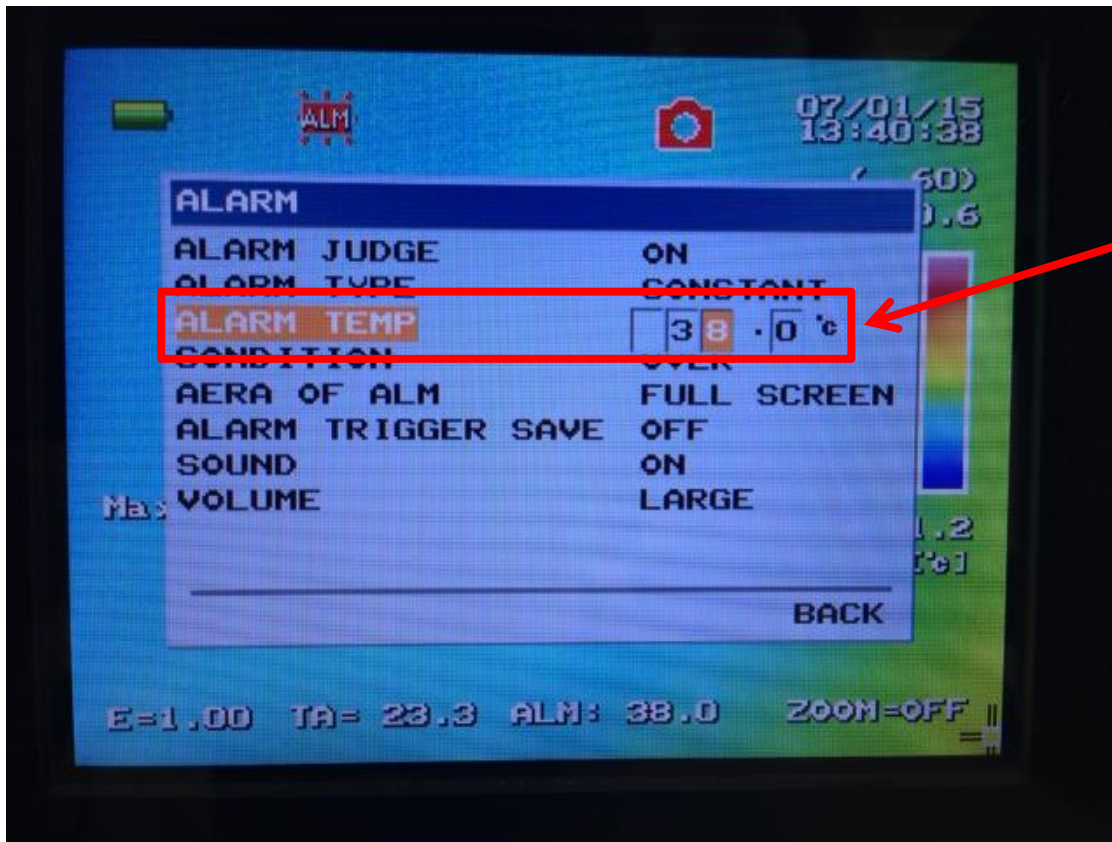
# SETTING ALARM



Select "ALARM JUDGE" & "ON"



# SETTING ALARM

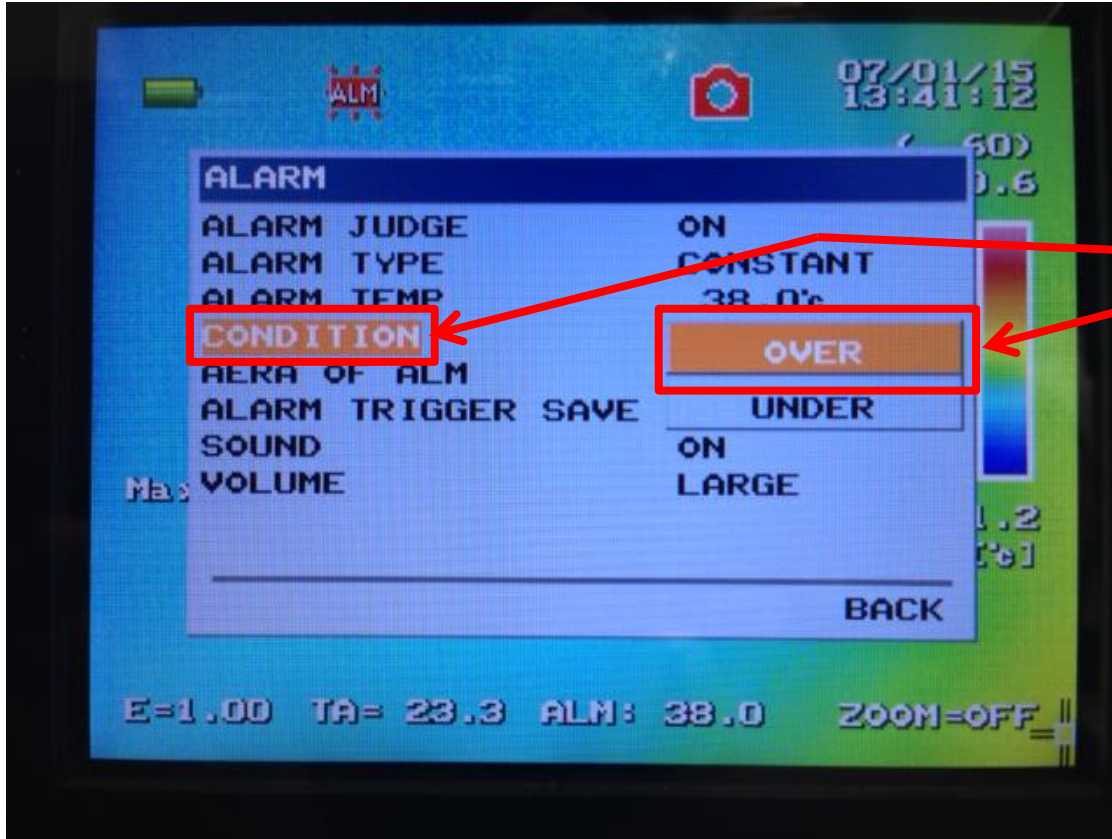


Select “ALARM TEMP” & set “Temperature”

## CAUTION

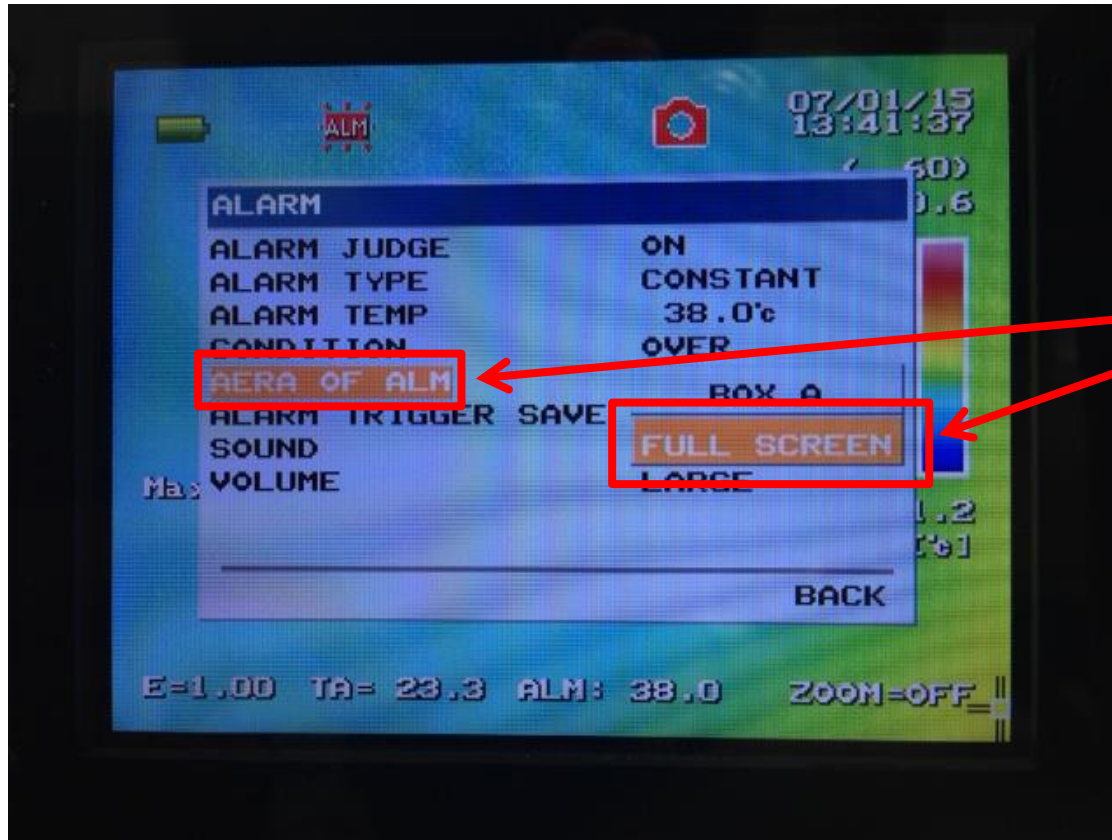
Please decide alarm temperature value on your side.

# SETTING ALARM



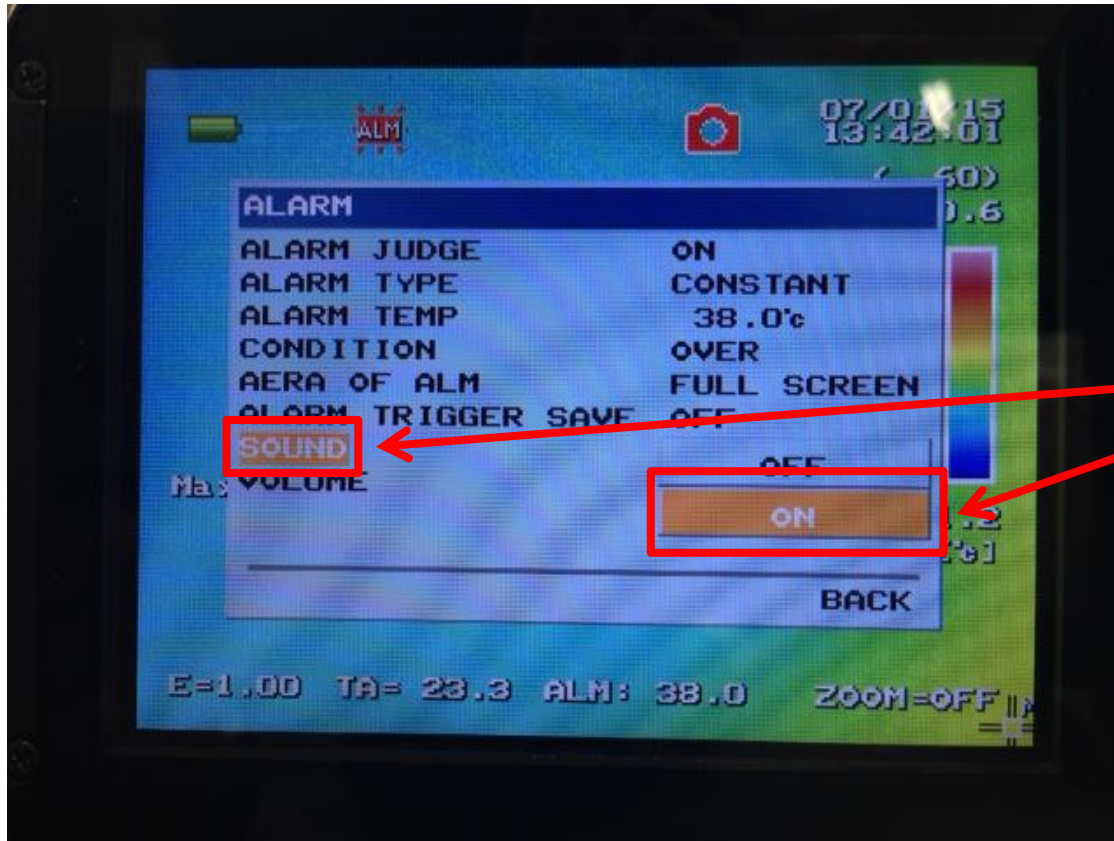
Select  
“CONDITION” &  
“OVER”

# SETTING ALARM



**Select “AREA OF ALM” & “FULL SCREEN”**

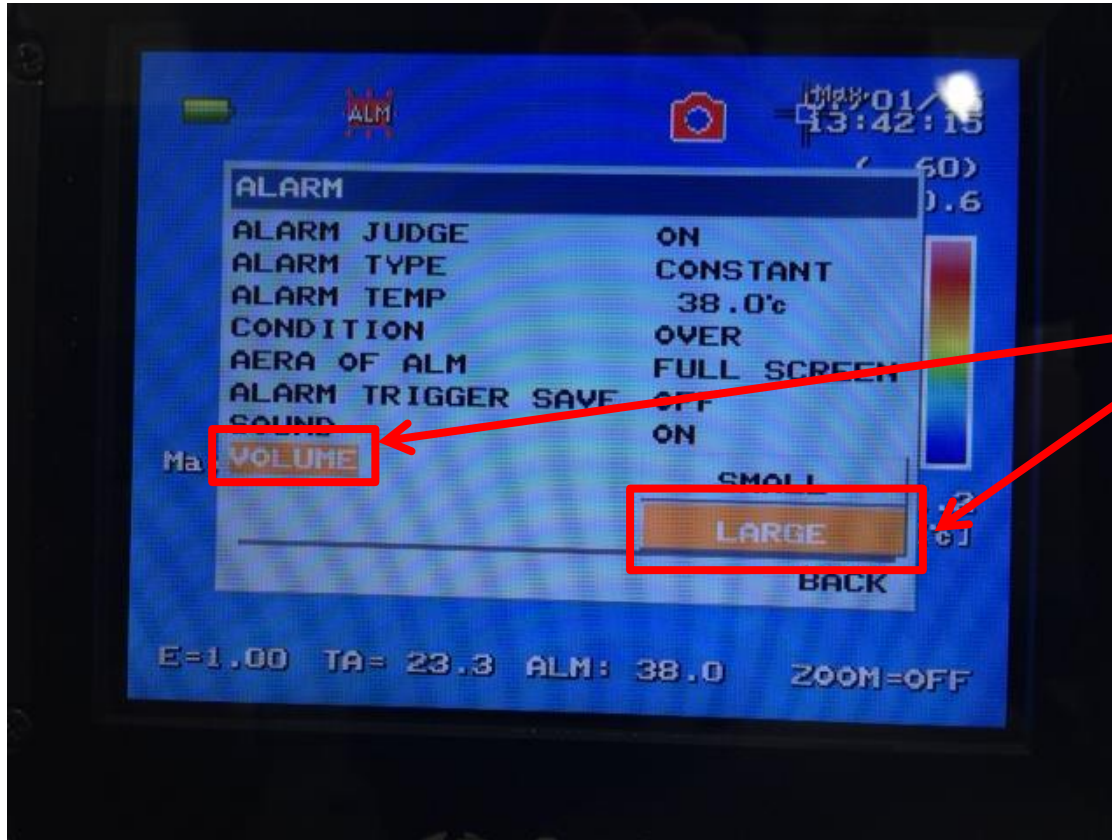
# SETTING ALARM



Select "SOUND"  
& "ON"



# SETTING ALARM



Select  
“VOLUME” &  
“LARGE”

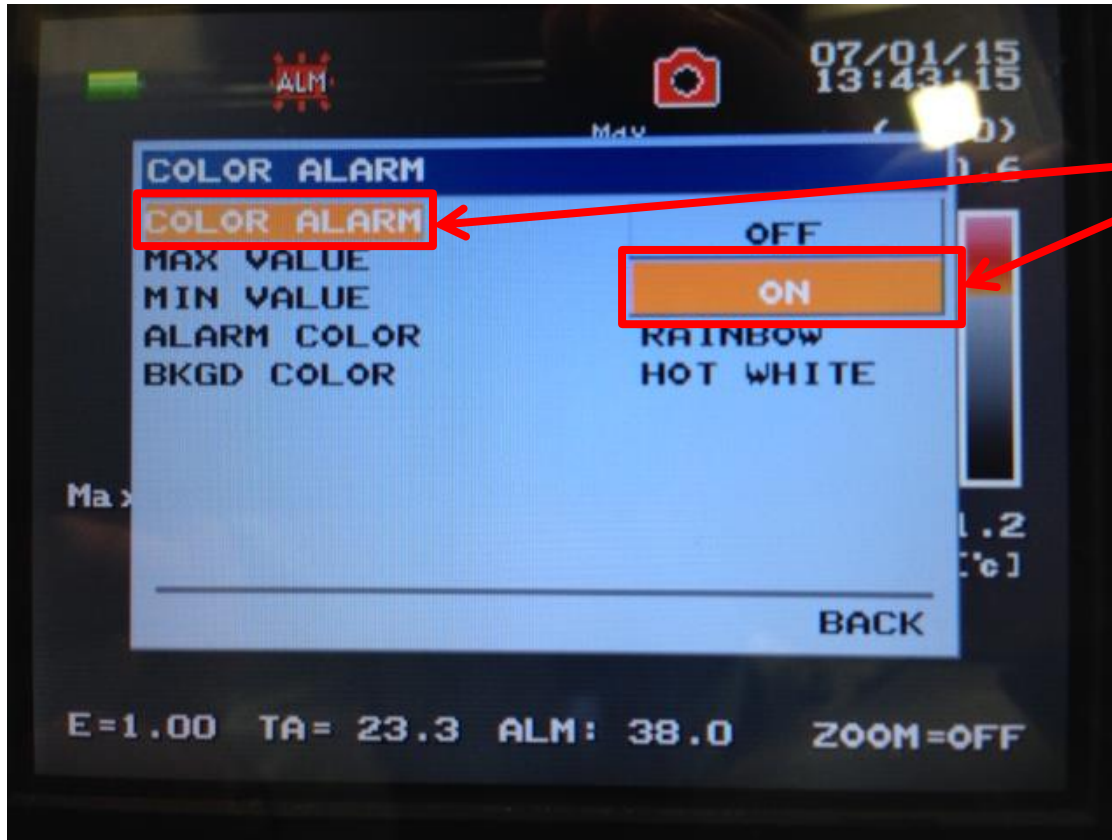
# SETTING COLOR ALARM



**Select “COLOR ALARM”**

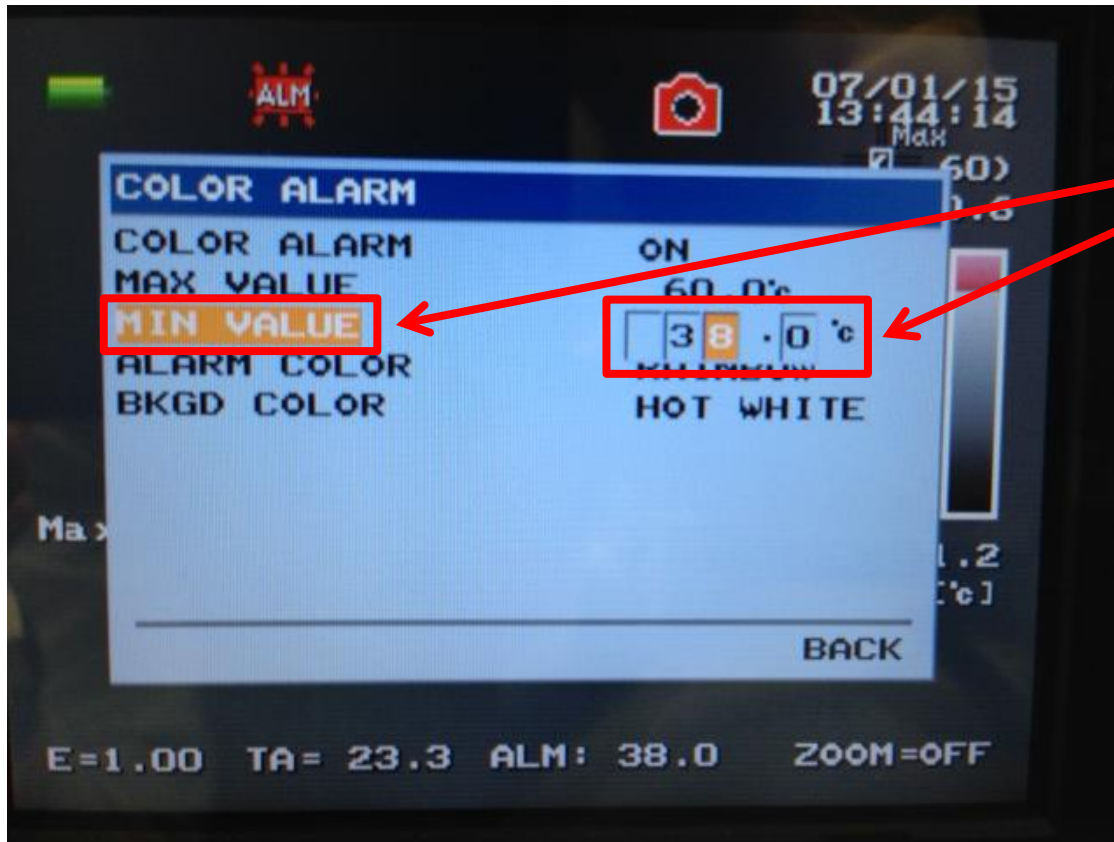


# SETTING COLOR ALARM



Select "COLOR ALARM" & "ON"

# SETTING COLOR ALARM

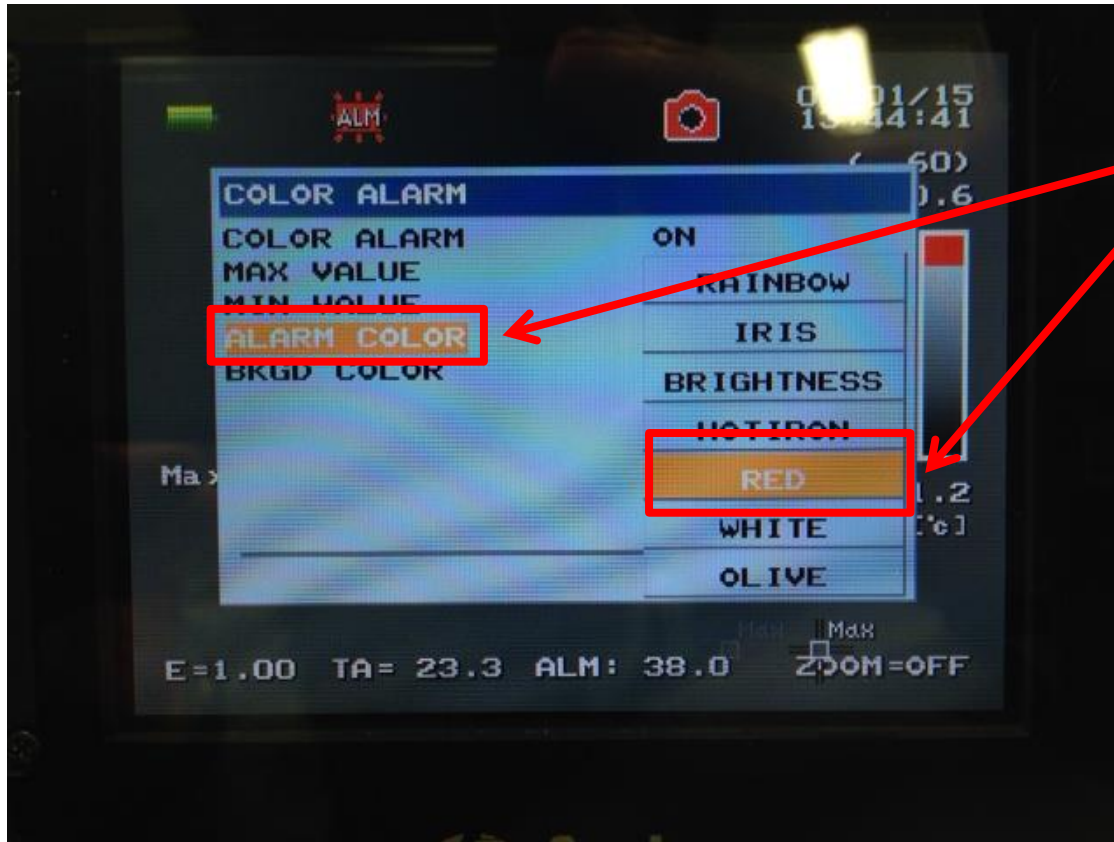


Select “MIN VALUE” & set “temperature”

## CAUTION

Please set minimum value as same as alarm temperature value which you set at page 9.

# SETTING COLOR ALARM



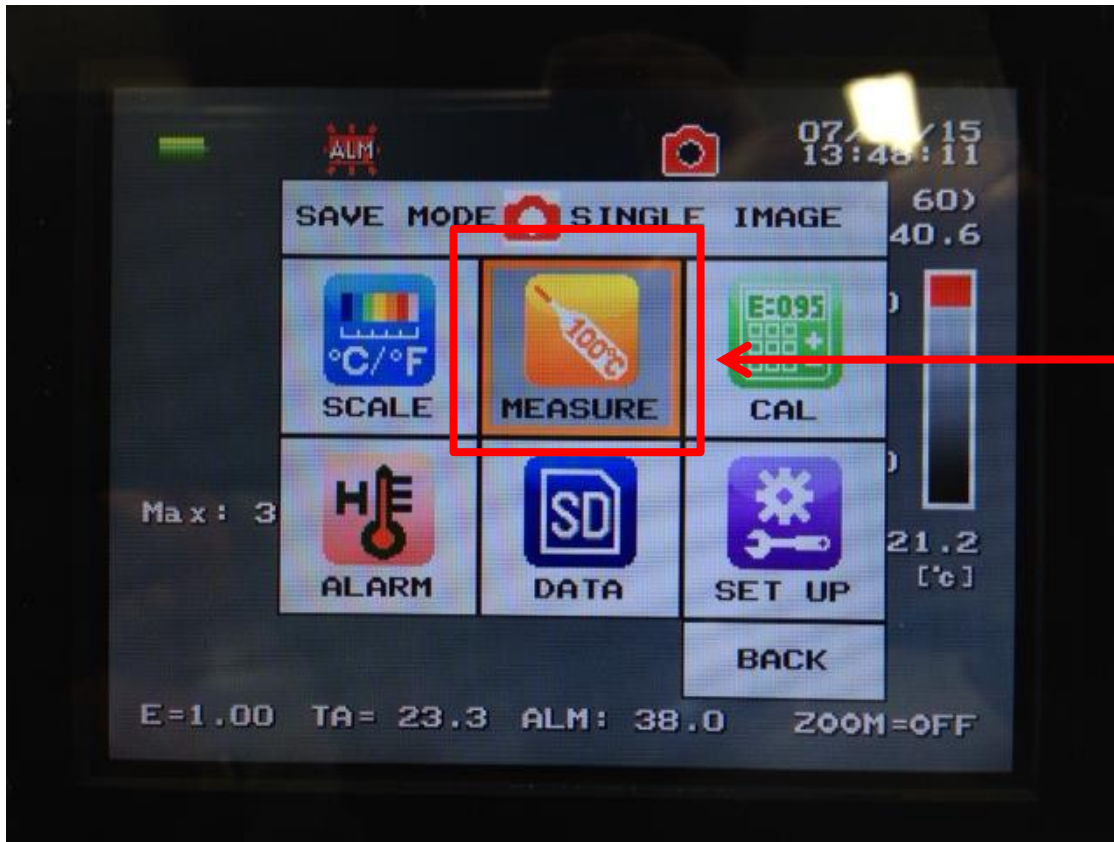
Select "ALARM  
COLOR" & "RED"

# SETTING BACKGROUND COLOR



Select “BKDG  
COLOR” & “HOT  
WHITE”

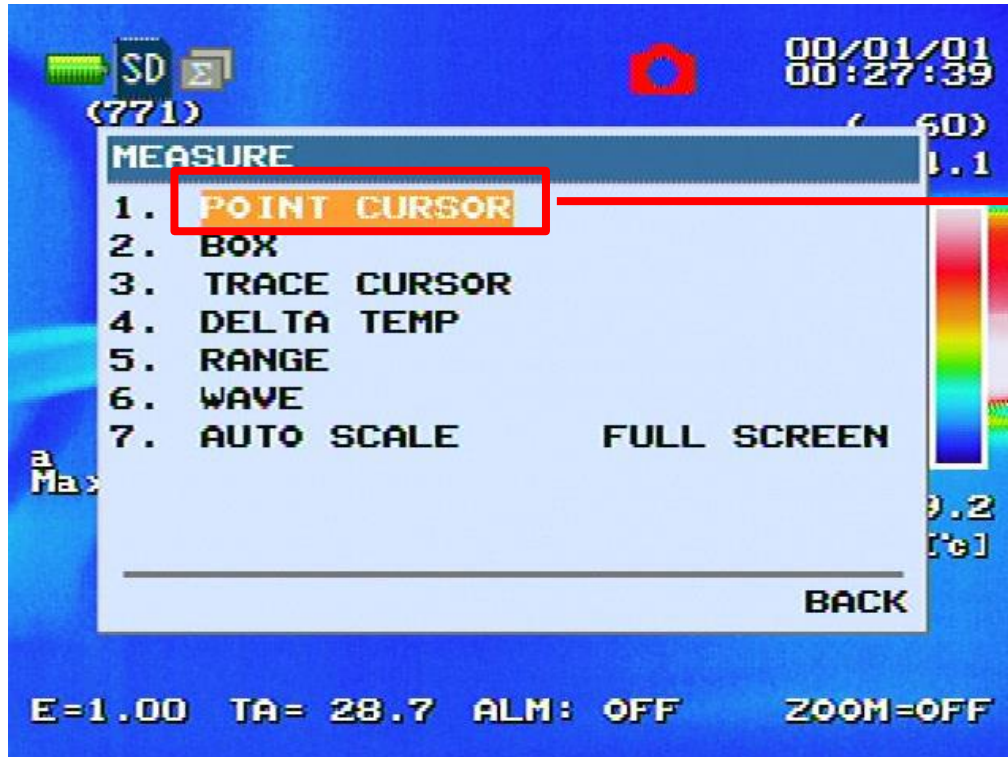
# REMOVE CURSOR 'a'



**Select  
"MEASURE"**



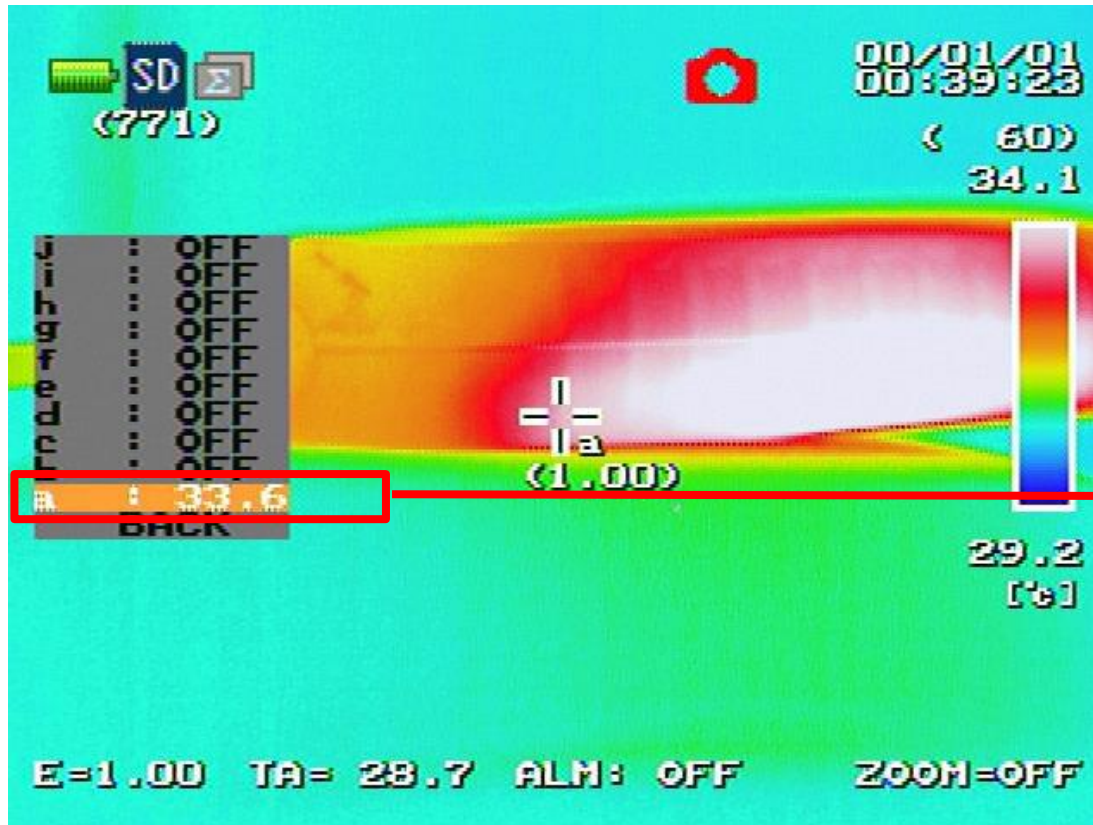
# REMOVE CURSOR 'a'



Select "POINT CURSOR"



# REMOVE CURSOR 'a'



**Select “HOLD  
DOWN THE  
SELECT  
BUTTON FOR 1  
sec AND ‘a’  
CHANGED TO  
OFF ”**

# SAVE CONFIGURATION



-> Presse Menu

->Select "SET UP"

# SAVE CONFIGURATION



SET UP	
1. LANGUAGE	ENGLISH
2. ALL CLEAR	ON
3. TIME&DATE	
4. TV SYSTEM	NTSC
5. LCD	
6. VOLUME	SMALL
7. LASER POINTER	ON
8. LED LIGHT	OFF
9. ENERGY SAVING	
10. AUTO SAVING	OFF
11. AUTO SHUTDOWN	OFF
12. SAVE CONFIG	
13. STARTUP CONFIG	POWER OFF
14. DEFAULT SETTING	
15. FIRST BOOT MENU	
16. VERSION	

BACK

-> Select "SAVE CONFIG"  
-> Select "YES"

# MAINTENANCE

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- Always use lens cover to cover the lens when thermo camera is not in use.
- Wipe off any contamination on the external surfaces of the camera using a dry and soft cloth.
- If dirt is hardened, first wipe with a cloth moistened with a neutral detergent, then wipe again with a dry cloth.
- Avoid to carry the camera fixed with tripod or avoid to use the camera in the place where is large vibration or shock as it may cause trouble in the camera
- Storage: Keep thermography camera in a product-friendly storage box provided.
- Store the product according to the following caution:

Item Storage	temperature	Storage humidity
Main Instrument	-40° C~70C	90%RH or less (Not condensed)

# Thank you !!!

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