СПЕЦИФИКАЦИЯ ДЛЯ УТВЕРЖДЕНИЯ

ITEM :

ЦВЕТНОЙ ПЗС-МОДУЛЬ

MODEL NO :

SCM600H Series
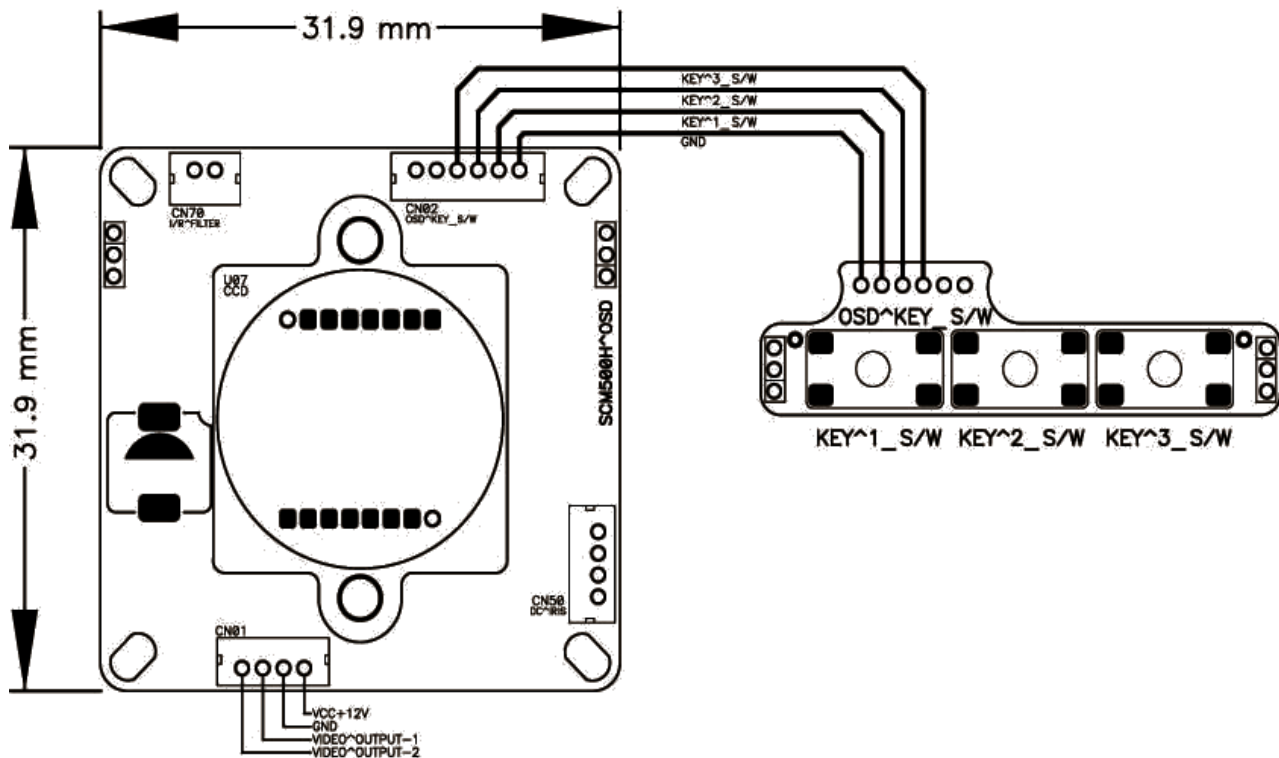
CUSTOMER :

SAMBO

616-15, GANSUK4-DONG, NAMDONG-GU, INCHON 405-810, KOREA
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R&D Department
Choi young Hak

*.DIMENSIONS(mm) & SPECIFICATION

Спецификация	SCM600H (NTSC)	SCM600H (PAL)
Устройство Изображения	1/3" SHARP CCD	
Элементы изображения	768(H)×494(V)	752(H)×582(V)
Сканирующая Система	520 линий, 2:1 Чередование	550 линий, 2:1 Чередование
Система Синхронизации	Внутренняя Синхронизация	
Горизонтальное Разрешение	530 ТВ линий	540 ТВ линий
Видеовыход	1Vp-p 75Ω	
Шум	Более чем 50dB (AGC Off)	
Электронный Затвор	Автоматический/Ручной (Уровень Регулируется)	
ЭКРАННОЕ МЕНЮ	Встроенный (Внешний 5 Кнопок)	
BLC	Вкл/Выкл (Уровень Регулируется)	
BLC Area	Вкл/Выкл (Выбор зоны)	
Гамма-характеристики	Внутренняя синхронизация: выбирается (0,05~1,00)	
AGC	Вкл/Выкл (Уровень Регулируется)	
Четкость	Вкл/Выкл (Уровень Регулируется)	
Зеркало	Вкл/Выкл	
Конфиденциальность	Вкл/Выкл (Выбор зоны)	
Движение	Вкл/Выкл	
Идентификатор камеры	Вкл/Выкл	
Опция Объектива	Ручной / DC Iris Объектив / Видео Iris Объектив	
Минимальная Освещенность	0.1Lux (F:1.2) (Option: 0.005 Lux)	
Потребляемая мощность	12V ±10% DC, 120mA	
Рабочая температура	-10℃~+50℃, RH95% Max (14°F~122°F)	
Температура хранения	-20℃~+60℃, RH95% Max	

1. Gerneral Charicteristic on SCM600H series

   << Overview >>

   · **New line, SCM600H series offer exterior-easy setting of camera functions what users want, as it no requires extra MCU to command the DSP of the CCD module.**

   << Direction >>

   · **With Video Signal into the monitor,** *KEY^2_S/W* **brings up the menu, picture 0.**

   · **Use** *KEY^1_S/W* **to select the each item downward.**

   · **Selected item High-Lighted in darker.**

   · **Use** *KEY^3_S/W* **to make changes on the selected item.**

   · **To make the changes permanet, must "Exit" the "SET UP" menu.**

   ·Once changes made, it stays regardless of power ON/OFF.

SETUP	
LENS	MANUAL
SHUTTER	AUTO^
ADJUST	^
DAY NIGHT	AUTO^
WHITE BAL.	ATW
BLC	OFF
MIRROR	OFF
AGC	ON^
GAMMA	0.45
RESET	^
EXIT	

Picture 0.   SAMBO' Basic Menu

## 2. Functions on the menu and details

2-1:LENS

· Select "LENS," prss *KEY^3_S/W* **to move to "MANUAL" - " VIDEO " - "DC" in order.**
   On the "DC", press *KEY^2_S/W* **brings up the Picture 2**
   KEY^1_S/W **&** *KEY^3_S/W* **use to increase & decrease " Brghtness" of the DC IRIS .**
   Press *KEY^2_S/W* **to go back to the "Set Up Menu."**

LENS DC

BRIGHTNESS   **155**

^   :   RETURN
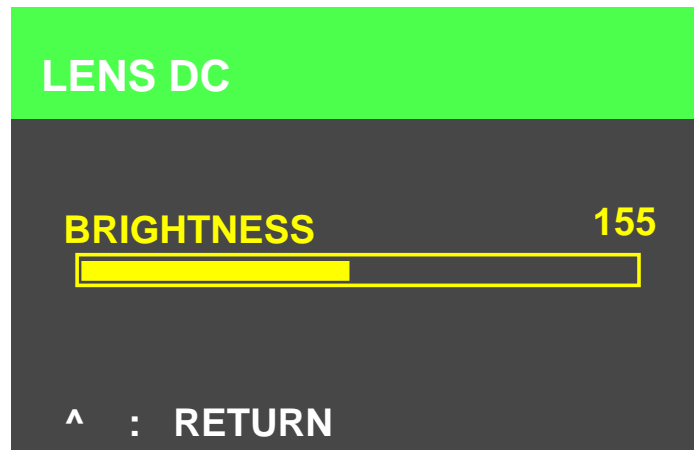
**Picture 1. LENS : MANUEL_ DC IRIS**

2-2:SHUTTER

· Select "SHUTTER," prss *KEY^3_S/W* **to move to**
   "AUTO" - " FLK " - "FIXED" - " MENUAL" in order.
   On the "AUTO", press *KEY^2_S/W* **brings up the Picture 3**
   KEY^1_S/W **&** *KEY^3_S/W* **use to increase & decrease shutter speed.**
   Press *KEY^2_S/W* **to go back to the "Set Up Menu."**

SHUTTER AUTO

BRIGHTNESS   **155**

^   :   RETURN
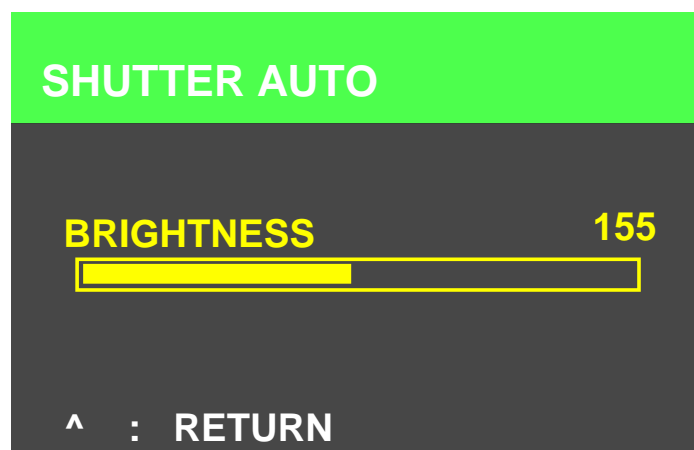
Picture 2. Shutter speed

2-3:ADJUST

·Select "ADJUST" and prss *KEY^3_S/W* to activate the list like Picture 4.
   Use *KEY^1_S/W* to selcet a list to change the setting as user wants.
   Press *KEY^2_S/W* and ues *KEY^1_S/W & KEY^3_S/W* to increase & decrease the volume.
   Again press *KEY^2_S/W* to move to the next item and select "RETURN."
   Press *KEY^2_S/W* to go back to the "Set Up Menu."

ADJUST

|	
BRIGHTNESS	068
SHARPNESS	14
CB-	162
CR-GAIN	165
RETURN	
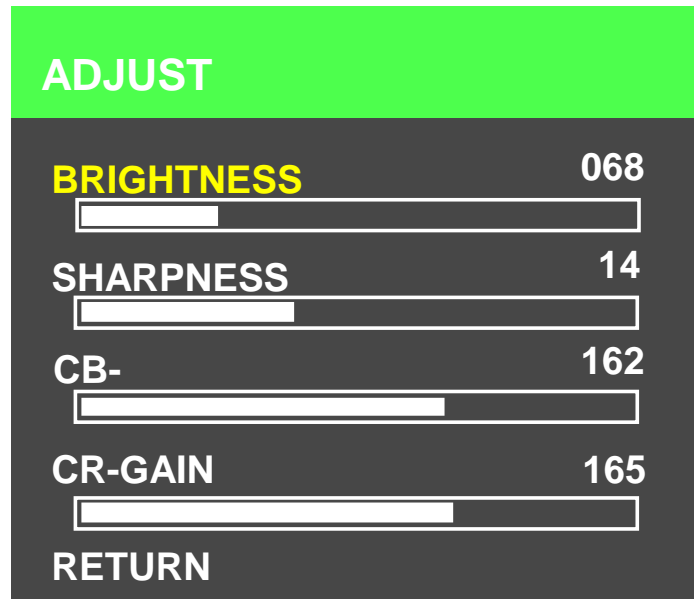
Picture 3. Adjustment menu

2-4:DAY NIGHT

· Select "DAYNIGHT" and prss *KEY^3_S/W* to move "AUTO" - " B/W " - "COLOR" in order.
   Use *KEY^1_S/W* to selcet a list to change the setting as user wants.
   Press *KEY^2_S/W* to select the menu and ues *KEY^1_S/W & KEY^3_S/W* to increase &
   decrease the volume.
   Again press *KEY^2_S/W* to move to the next item and select "RETURN."
   Press *KEY^2_S/W* to go back to the "Set Up Menu."

DAY NIGHT

DELAY	010
START LEVEL	116
END LEVEL	117
RETURN	
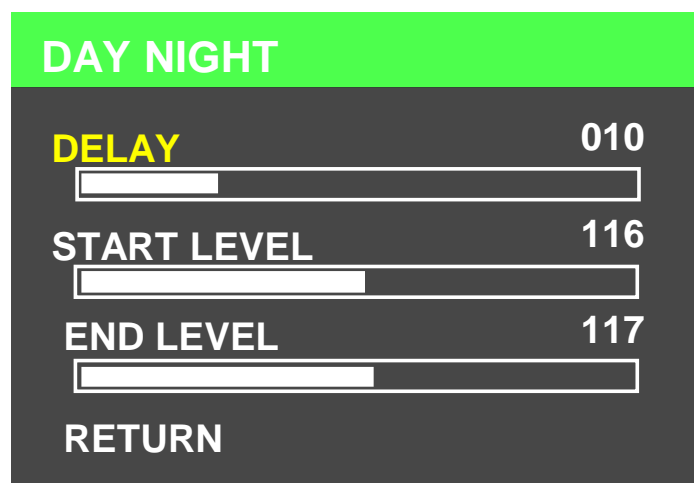
Picture 4. DAY NIGHT OPTION

2-5:WHITE BAL.

· **Select "WHITE BALANCE" and press** *KEY^3_S/W* **to move**
  "ATW" - "AWB" - "FIXED" - "MANUAL" in order.
  Press *KEY^2_S/W* **to activate "AWB MANUL" like Picture 6.**
  Use *KEY^1_S/W* **to selcet a list to change the setting as user wants.**
  Ues KEY^1_S/W & KEY^3_S/W to increase & decrease the volume.
  Again press *KEY^2_S/W* **to move to the next item and select "RETURN."**
  Press *KEY^2_S/W* **to go back to the "Set Up Menu."**

AWB MANUAL

RED   **113**

BLUE   **255**

**RETURN**
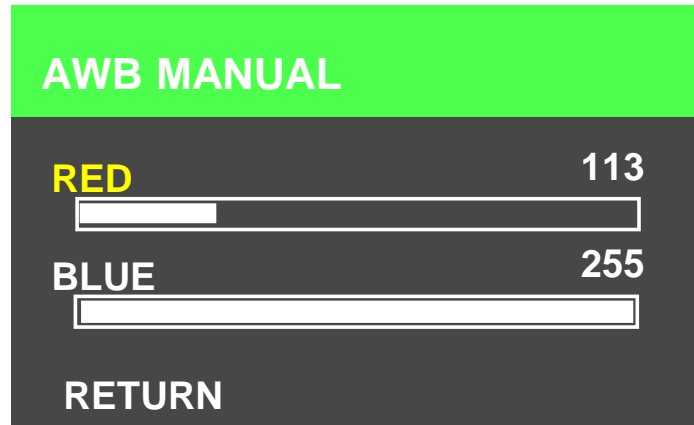
Picture 5. WHITE BALANCE

2-6:BLC

· **Select "BLC" and press** *KEY^3_S/W* **to set "BLC ON/OFF."**
  Press *KEY^2_S/W* **to activate "BLC ON" like Picture 6-1.**
  Use *KEY^1_S/W* **to selcet a list to change the setting as user wants.**
  Ues *KEY^1_S/W & KEY^3_S/W* **to increase & decrease the volume.**
  Again press *KEY^2_S/W* **to move to the next item and select "RETURN."**

BLC SETUP

BLC AREA^

BLC RATIO   **31**

RETURN
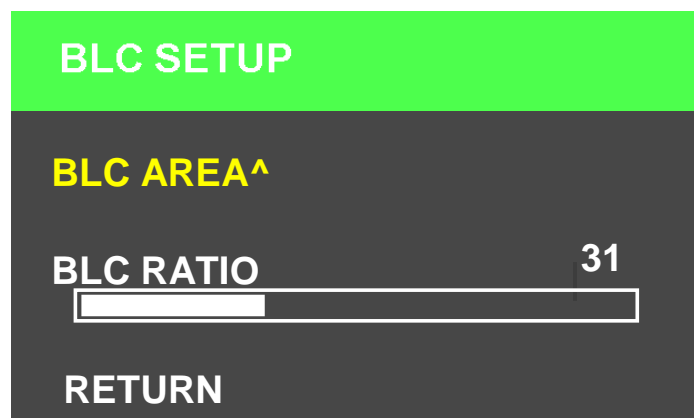
Picture 6-1. BLC ON/OFF

2-6-1.BLC AREA

· Select "BLC ACRA" and press *KEY^1_S/W* to set BLC area.
After setting the area, press *KEY^2_S/W* long brings up the Picture 6-2.
Use *KEY^1_S/W* to selcet a list and press *KEY^2_S/W* to change the setting as user wants.
Select "EXIT" using *KEY^1_S/W (Picture 6-3)* and press *KEY^2_S/W* to
go back to the "BLC SETUP."

BLC SETUP

BLC AREA^

BLC RATIO   **31**

RETURN
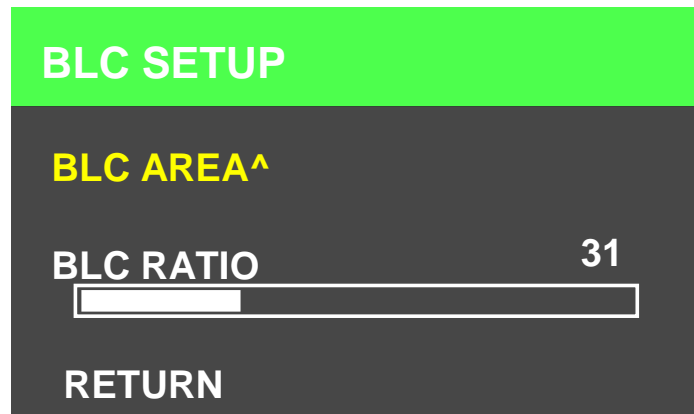
Picture 6-2. SETTING BLC RATIO

BLC AREA

ALL CLEAR
ALL SET
RETURN
EXIT
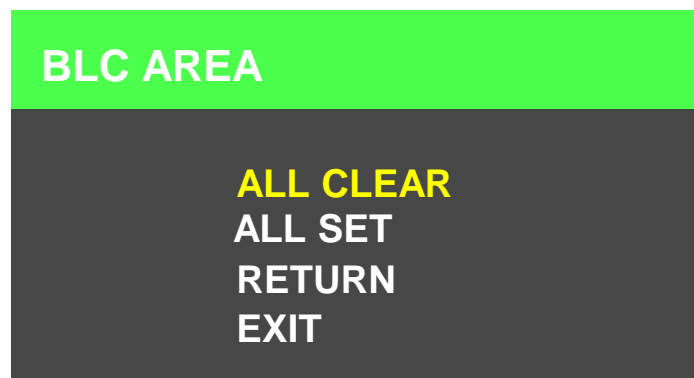
Picture 6-3. SETTING BLC RATIO

2-7:MIRROR

· **After select the "MIROR," set MIRRO ON/OFF Bby pressing** KE*Y^3_S/W.*

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2-8:AGC

· **Select "AGC" and prss** *KEY^3_S/W* **to set "AGC ON/OFF."**

Selcet "AGC ON" brings up the menu like the Picture 8.

Press *KEY^2_S/W* **and ues** *KEY^1_S/W & KEY^3_S/W* **to increase & decrease the volume.**

Press *KEY^2_S/W* **to go back to the "Set Up Menu."**

AGC CONTROL

BLC RATIO   **155**

^ : RETURN
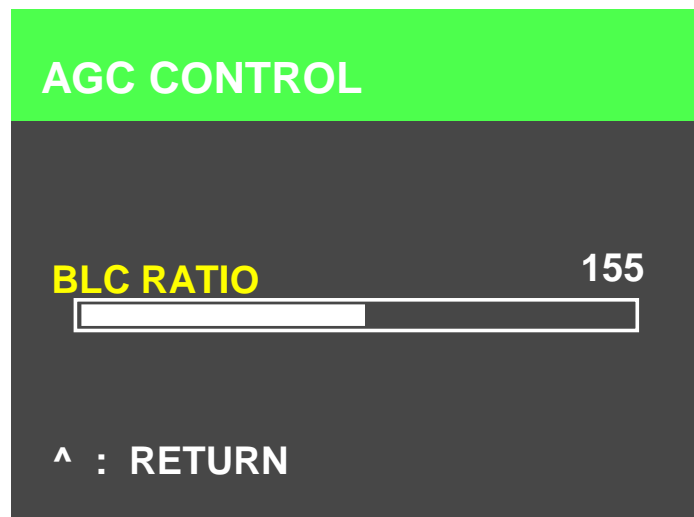
Picture 8. AGC Control

2-9:GAMMA

· **Select "GAMMA" and press** *KEY^3_S/W* **to volum "0.05" - "1.0 " in order.**

2-10:RESET

 · **Select "RESET" and press** *KEY^2_S/W* **to display the Picture 10.**

 · **Select "YES" and press** *KEY^2_S/W* **will reset to the default setting.**

LOAD DEFAULT

YES

NO
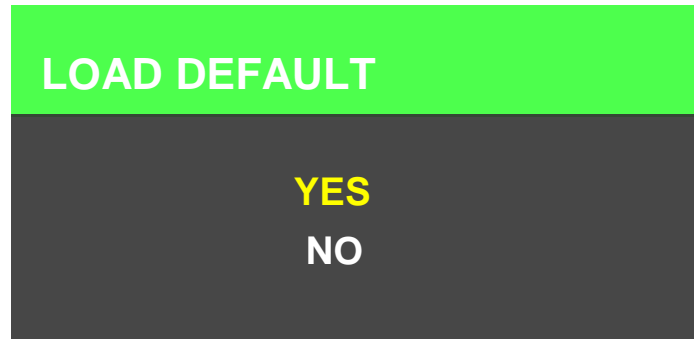
Picture 10.   Reset

2-11:EXIT

 . **Select "EXIT" with** *KEY^1_S/W* **, press** *KEY^2_S/W* **to turn off OSD.**

3. SHORT KEY

 .**Being OSD_OFF,**
 Press *KEY^1_S/W* **to ON/OFF BLC function,**
 Press *KEY^3_S/W* **, to ON/OFF MIRROR function.**

4. Other functions

FUNCTION

CAMERA ID	OFF
MOTION	OFF
PRIVACY	OFF
RETURN	^

Picture 11.   Others