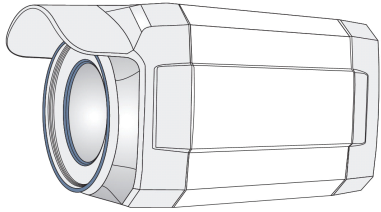


OPERATION MANUAL

27Z540 SERIES

27X AUTO FOCUS ZOOM COLOR CAMERA



CE FC



CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER(OR BACK). NO USER SERVICEABLE PART INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL



This symbol is intended to alert to user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert to user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

INFORMATION

This equipment has been tested and found to comply with limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

PRECAUTION

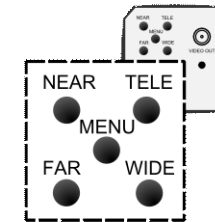
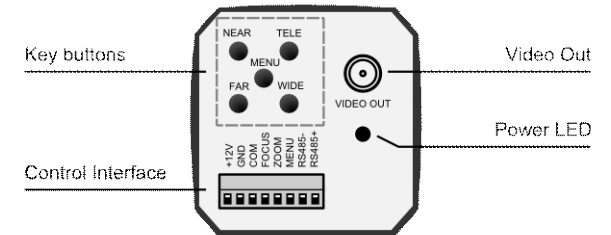
1. Keep the camera away from water and extreme moisture to prevent malfunctioning.
2. Handle the camera with care. Do not shake or drop the camera.
3. Do not stretch or pull on the cable. Otherwise, damages may occur.
4. Avoid using the camera under the places that experience frequent vibrations or shocks.
5. Do not handle lens surface to avoid damage to the lens.
6. Power supply inputs should be connected correctly.
7. Avoid using the camera under following conditions:
 - ❖ The places directly toward in the direction of sun or extreme bright light to avoid possible blooming or

smear.

- ❖ Environment temperature higher than +50°C, or lower than -10°C.
- ❖ Humidity higher than 90 RH% or dewing condition.

OVERVIEW

Rear View



Key Buttons

Following buttons control zoom and focus functions:

- ❖ W button To widen the view. (ZOOM OUT)
- ❖ T button To close in on a far object. (ZOOM IN)
- ❖ N button To see a near object clearly.
- ❖ F button To see a far object clearly.
- ❖ Pressing the M (MENU) button prompts the main setup menu.

Setup menu can be navigated using these buttons.

- ❖ MENU (M) button To access the main setup menu.

- ❖ UP(T)button To move the arrow indicator to up.
- ❖ DOWN(W)button To move the arrow indicator to down.
- ❖ LEFT(N)button To change date to up.
- ❖ RIGHT(F)button To change date to down

Control Interface and Power Input

- ❖ Used to connect the remote control equipment. Includes the RS-485 communication pin.
- ❖ Zoom and focus functions can be controlled by using external signals.
- ❖ Power supply terminal(DC12V/300mA).

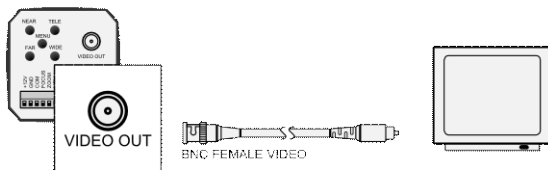
Video Output Jack

Used to connect an external video monitor in jack.

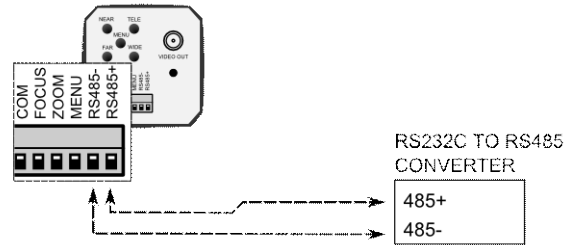
CONNECTION

Connecting to Monitor

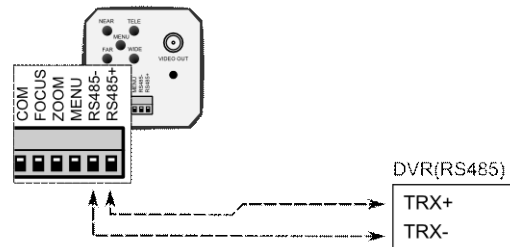
Connect Video Out Jack to the monitor's Video In Jack as shown below.



Connecting to PC (Serial Port)



Connecting to DVR or RS-485 Controller



SPECIFICATIONS

MODEL	MT8027H
Pickup device	1/4" SONY CCD
Number of pixels	795(H)×596(V)
Horizontal resolution	520TVL
System of signal	NTSC/PAL
Min illumination	0.1 Lux
Lens	3.9mm-105.3mm
BLC	ON/OFF
Electronic shutter	1/50~1/100000sec
White balance	Auto
S/N ratio	>48db
Gamma correction	Automatic Focusing, Electrically operated focusing
Operation temperature	-20℃~50℃
Control connection	The line controls, Bus-mastering
Line method	DC±5V~±12V
Bus method	RS485
Bus arbitration	PELCO-D-1, PELCO-D-2, PELCO-D-3, PELCO-D-4
Baud rate	2400/9600
Video output	≤1.0Vp-p/75Ω
Operation Voltage	DC12V
Operation Current	≤300mA
Dimensions	62×63×127
Weight	285g