

9. TROUBLESHOOTING

If there are problems in operation, please refer to the items below.
If the problem persists, please contact the agent you purchased this product from.

| Problems | Troubleshooting |
|---|--|
| Nothing appears on the screen. | <ul style="list-style-type: none"> • Please check the power connection. • Please check the video signal line connection. |
| The video image is not clear. | <ul style="list-style-type: none"> • Please check if the lens is clean. Please clean the lens with a clean cloth or brush. • Please adjust the contrast feature of the monitor. • Please readjust the back focus of the camera. |
| The screen is dark. | <ul style="list-style-type: none"> • Please adjust the contrast feature of the monitor. • If you have an intermediate device, set the 75 / Hi-z properly, and check the terminals. • Please check if an auto iris lens is being used and adjust the brightness level. |
| There is a problem with the camera operation. | <ul style="list-style-type: none"> • Please check if an appropriate power source to the camera complies with the manufacturer's standard requirement, or if the voltage keeps changing. |
| Colors are not quite right. | <ul style="list-style-type: none"> • Please check the 'WHITE BAL' setting |
| The screen is flickering. | <ul style="list-style-type: none"> • Please check if the camera is facing directly into sunlight or fluorescent light. • Please check if an auto iris lens is being used. • Please check the connection of the lens connector cable. |
| AUTO mode in DAY & NIGHT function is not working. | <ul style="list-style-type: none"> • Please check if the DAY & NIGHT function is set to the AUTO position. |
| DAY & NIGHT function is not working. | <ul style="list-style-type: none"> • Please check if the AGC menu is set to the ON position. |

10. SPECIFICATIONS

| Signal System | NTSC | PAL |
|------------------------|---|-----------|
| Total/Effective Pixels | 410K/380K | 470K/440K |
| Pick-Up Device | 1/3" Sony Super HAD CCD | |
| Lens Mount | C/CS | |
| Signal Process | Digital Signal Process | |
| Scanning System | 2 : 1 Interlace | |
| Sync. System | Internal | |
| Scanning Frequency | 59.94Hz(VD) | 50Hz(VD) |
| Resolution | 550 TV Lines(H) | |
| S/N Ratio | More than 48dB | |
| Standard Illuminance | 2000 Lux (3200°K) | |
| Video Output | 1.0 Vp-p Composite (75Ω) | |
| Sensitivity | 0.2 Lux @ F2.0 (30 IRE, Color Mode) 0.05 Lux (30 IRE, BW Mode, TRUE D&N TYPE only) | |
| Electronic Shutter | Auto, FLK, Fixed, Manual | |
| Backlight Compensation | Off, On(area, ratio adjust) selectable | |
| AGC | Off, On(gain adjust) selectable | |
| White Balance | ATW, AWB, Fixed, Manual selectable | |
| Camera ID | Off, On(position, character adjust) selectable | |
| Mirror | Off, On selectable | |
| Day & Night | Auto, Color, BW selectable | |
| Motion Detection | Off, On(4 zone) selectable | |
| Privacy | Off, On(4 zone) selectable | |
| Gamma | Off, On(0.05-1, user adjust) selectable | |
| Language | English, Korean, Chinese1, Chinese2, Japanese selectable | |
| Contrast | Adjustable | |
| Sharpness | Adjustable | |
| Power Source | DC12V ±10% / Max 150mA | |
| Operating Temp. | -10°C ~ 50°C (Humidity : 0% RH ~ 80% RH) | |
| Storage Temp. | -20°C ~ 60°C (Humidity : 0% RH ~ 85% RH) | |
| Option | DC12V/AC24V (Dual) | |