

# FK-3101R

**Outdoor camera**  
**1/3" B/W CCD**

1. WATERPROOF
2. CDS AUTO SWITCHING INFRARED LED
3. 12 LED / 20 LED (OPTIONAL)



Number of Pixels  
 Scanning System

Sync System  
 Horizontal Resolution  
 Usable Illumination  
 IR Series Distance

IR Status  
 IR Power On  
 Gamma Characteristic  
 Video Output  
 S/N Ratio  
 Electronic Shutter Time On

Electronic Shutter Time Off  
 Operation Temperature  
 Storage Temperature  
 Cable  
 BLC  
 Power Supply

EIA:510x492 / CIR: 500x582  
 EIA:525 Lines - 60 Field/sec  
 CCIR:625 Lines 50 Field/sec  
 Internal Synchronization  
 380 TV Lines  
 0 Lux at night (LED ON)  
 10 Meter (12 unit infrared led)  
 18 Meter (20 unit infrared led)  
 Under 10 Lux by CDS  
 CDS Auto Control  
 0.45  
 1.0Vp-p 75 ohm  
 48dB (AGC Off)  
 EIA: 1/60-1/100,000Sec  
 CCIR 1/50-1/100,000Sec  
 EIA 1/60 Sec - CCIR 1/50 Sec  
 -10°C +50°C RH95% Max  
 -20°C +60°C RH95% Max  
 BNC/DC JACK  
 Auto  
 DC12V

# FK-3102R

**1/4" Color CCD**



Number of Pixels  
 Scanning System

Sync System  
 Horizontal Resolution  
 Usable Illumination  
 IR Series Distance

IR Status  
 IR Power On  
 Gamma Characteristic  
 Video Output  
 S/N Ratio  
 Electronic Shutter Time On

Electronic Shutter Time Off: NTSC 1/60 Sec / PAL 1/50 Sec  
 Operation Temperature  
 Storage Temperature  
 Cable  
 BLC  
 Power Supply

NTSC: 510x492 / PAL: 500x582  
 NTSC: 525 Lines - 60 Field/sec  
 PAL: 625 Lines 50 Field/sec

Internal Synchronization  
 420 TV Lines  
 0 Lux At Night (LED ON)  
 10 Meter(12 unit infrared led)

Under 10 Lux by CDS  
 CDS Auto Control

0.45  
 1.0Vp-p 75 ohm  
 48dB (AGC Off)  
 NTSC 1/60-1/100,000Sec  
 PAL 1/50-1/100,000Sec

NTSC 1/60 Sec / PAL 1/50 Sec  
 -10°C +50°C RH95% Max  
 -20°C +60°C RH95% Max  
 BNC/DC JACK  
 Auto  
 DC12V

# FK-3103R

**1/3" Color CCD**



Number of Pixels  
 Scanning System

Sync System  
 Horizontal Resolution  
 Usable Illumination  
 IR Series Distance

IR Status  
 IR Power On  
 Gamma Characteristic  
 Video Output  
 S/N Ratio  
 Electronic Shutter Time On

Electronic Shutter Time Off  
 Operation Temperature  
 Storage Temperature  
 Cable  
 BLC  
 Power Supply

NTSC: 510x492 / PAL: 500x582  
 NTSC:525 Lines, 60 Field/sec  
 PAL: 625 Lines 50 Field/sec

Internal Synchronization  
 420 TV Lines  
 0 Lux At Night (LED ON)  
 18 Meter (20 unit infrared led)

Under 10 Lux by CDS  
 CDS Auto Control

0.45  
 1.0Vp-p 75 ohm  
 48dB (AGC Off)  
 NTSC 1/60 -1/100,000Sec  
 PAL 1/50-1/100,000Sec

NTSC 1/60 Sec, PAL 1/50 Sec  
 -10°C +50°C RH95% Max  
 -20°C +60°C RH95% Max  
 BNC/DC JACK  
 Auto  
 DC12V 500mA