

# SONY EXVIEW COLOR CCD CAMERA

**TCD-1732** Standard Resolution Sony Exview  
CCD Sensor 1/3" interline

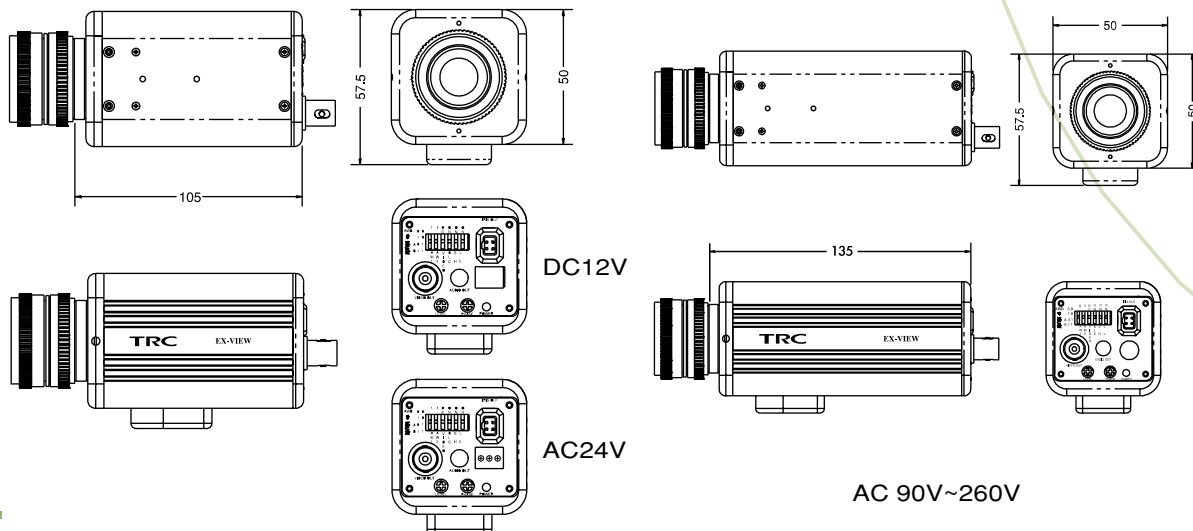
**TCD-1734** High Resolution Sony Exview  
CCD Sensor 1/3" interline



## FEATURES

- ◆ 1/3" SONY CCD SS-1M DSP (DIGITAL SIGNAL PROCESSING) SOLUTION
- ◆ MEDIUM RESOLUTION: 330 TV LINES/ HIGH RESOLUTION:460 TV LIENS
- ◆ ACCEPTS VIDEO OR DC TYPE AUTO IRIS LENSES
- ◆ WIDE RANGE AUTO-TRACKING WHITE BALANCE(ATW) OF 2000°K TO 10000°K,  
PUSH LOCK
- ◆ INTERNAL / EXTERNAL (LINE LOCK) SYNCHRONIZATION
- ◆ BACK LIGHT COMPENSATION
- ◆ GOOD FOR LARGE-SCALE SYSTEMS
- ◆ DC12V/AC24V/AC90V~260V POWER SOURCE OPTION

## DIMENSION Unit: mm



# SPECIFICATION

Model	TCD-1732 (Standard Resolution)	TCD-1734 (High Resolution)
Image device	SONY EX-VIEW CCD SENSOR 1/3" interline	
Picture elements	Total: NTSC 537(H) X 505(V) PAL 573(H) X 597(V) Effective: NTSC 510(H) X 492(V) PAL 500(H) X 582(V)	Total: NTSC 811(H) X 508(V) PAL 795(H) X 596(V) Effective: NTSC 768(H) X 494(V) PAL 752(H) X 582(V)
Scanning system	NTSC standard 525 lines, 30 frames/sec PAL standard 625 lines, 25 frames/sec	
Synchronizing system	Internal/Line lock (AC Type)	
Horizontal resolution	More than 330 TV Lines	More than 460 TV Lines
Electronic shutter	Switch ON/OFF, control (1/60~1/100000) NTSC (1/50~1/100000) PAL	
Gamma	0.45	
Mechanical iris	Video Drive/DC Drive	
Minimum illumination	0.01 LUX./F1.2	0.08 LUX./F1.2
Video output level	1Vp-p/75 ohms, composite	
Video S/N ratio	48dB (AGC OFF)	
White balance	AWB (2000°C~10000°C), Push lock (2000°C~10000°C)	
Backlight compensation	Switch ON/OFF	
Operating temperature	50°C~-10°C	
Storage temperature	80°C~-30°C	
Power requirements	12VDC±1.2VDC, AC24V 10% AC 90~260V	
Power consumption	DC12V Typical 140mA	DC12V Typical 180mA
Dimensions	50(W) x 57.5(H) x 105(L) mm DC12V 50(W) x 57.5(H) x 135(L) mm AC 90 ~260V	
Weight	DC12V/AC24V: 267g, AC 90~260V: 290g	
Audio	Option	

