

Video Imaging

Industrial Video |

STC-P63CT

Miniature Colour Cased Camera 1/3" PAL
Composite, Y/C, I2C, CS-Mount

Art-No. 59601

SENTECH



Features

CCD Micro Cased Camera with CS-Mount
CCD Sensor 752 x 582 Pixels
Horizontal Resolution 480 TVL
Integrated 10 bit DSP Signal Processor
DSP Configuration through I2C Interface

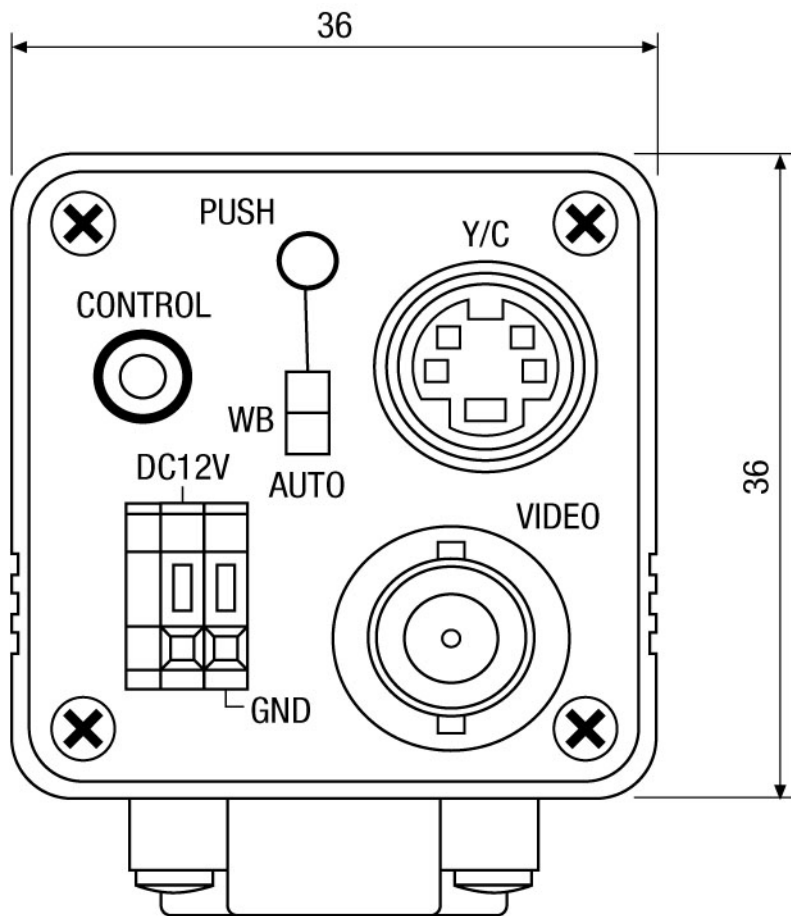
White Balance automatic or push to set white
Composite- and Y/C-Video Output
Minimum Illumination 0.2 lux at F1.2 50 IRE
Dimensions 36x36x38 mm (WxHxD)
12 VDC Input through Terminal Strip

Specifications

Imager size	1/3" Interline CCD
Active picture elements	752 x 582 Pixel
System	PAL
Horizontal resolution	480TVL
Optical connection	CS mount
White balance	automatic/push to set white
DSP	10 bit, user accessible
Automatic gain control (AGC)	on/off
Electronic shutter	1/50 to 1/100.000 s automatic (Auto-Iris) or fixed setting
Sensitivity at 50% video signal	0.2 lux at F1.2
Signal-to-noise ratio	> 48 dB (AGC off)
Synchronization	Internal
Video output	Composite 1 Vpp at 75 Ohms, Y/C 0,7 Vpp at 75 Ohms
Serial port	I2C
Connectors	1 x BNC, 4pin Y/C, terminal strip, serial I2C
Supply voltage	12 VDC via terminal strip
Dimensions (HxWxD)	36 x 36 x 38 mm

Product Information

The STC-P63CT is a high resolution colour camera in an extremely compact housing. It fits perfectly into microscope applications as well as into industrial vision and video surveillance systems. The camera features composite- and S-Video outputs and can be configured from a PC through the integrated I2C interface and an optional I2C to USB adapter. By using the "Push to set White" function white balance will perfectly adjust even under difficult light conditions which results in a perfect colour reproduction.



Maße/Dimensions: mm