

# Video Imaging

Industrial Video |

## STC-H165BC

B/W Industrial Camera 1/3" CCIR  
External HD/VD, Field Integration

Art-No. 59520

# SENTECH



## Features

CCD Cased Camera with CS mount  
Extra High Sensitivity  
Horizontal Resolution 570 TVL  
Very Low Cost  
Field Integration  
Gamma 0,45 or 1,0

Automatic Gain on/off  
Internal or External Sync HD/VD  
12pin Hirose and BNC Connector  
Electronic Shutter automatic/fixed in 9 steps  
Minimum Illumination 0,06 Lux at F1,2 50 IRE  
Input Voltage 12 VDC

## Specifications

Imager size	1/3"
Active picture elements	752 x 582 Pixel
System	CCIR
Horizontal resolution	570 TVL
Sensitivity at 50% video signal	0,06 Lux at F1,2
Optical connection	CS mount
Integration Time	Field Integration
Back light compensation	on/off
Automatic gain control (AGC)	on/off, 0-20 dB
Electronic shutter	1/50 to 1/100.000 s
Signal-to-noise ratio	> 56 dB (AGC off)
Gamma correction	0,45 or 1,0
Video output	1 Vpp at 75 Ohms via BNC and 12pin Hirose Connector
Synchronization	Internal or external HD/VD
Supply voltage	10 to 12 VDC via 12pin Hirose Connector
Current consumption	135 mA
Operating Temperature	-10 to +40 °C
Weight	190 g

## STC-H165BC

(Specifications continued)

### Dimensions (HxWxD)

51 x 51 x 55,5 mm

### Product Information

High resolution, high sensitivity, low cost black and white cased camera featuring Field Integration and external HD/VD synchronization. Well suited for Machine Vision applications. CS mount lens connector. This type is also available in EIA standard.

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