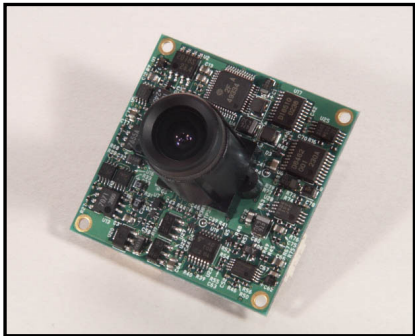


**Model**  
**PC- 685A**

**COLOUR**

**CCD BOARD CAMERA**

**D-mount**



**Model : PC- 685A (PAL)**

- ..... 42 x 42 mm single board camera
- ..... 1/3 '' CCD Colour DSP Camera
- ..... [ON screen display setup](#)
- ..... RS-232C/485 controllable - **addressable**
- ..... External sync. input (VD, L/L)
- ..... Privacy masking
- ..... Video & DC iris Lens available
- ..... Mirror Flip and Digital Zoom (2x)

**Specifications**

**Image sensor :**  
**Effective pixels :**  
**TV system :**

**Video Output :**  
**Scanning system :**

**Synchronisation :**  
**Horizontal resolution :**  
**Min. Illumination :**

**S/N ratio :**  
**AGC :**  
**Electronic Iris :**  
**Electronic Shutter :**  
**White Balance :**  
**Gamma :**  
**BLC :**  
**Power supply :**  
**Current consumption :**  
**Operation :**  
**Storage :**

**Built-in lens :**  
**Lens options :**  
**Weight :**

1/3 '' Inter-line type colour CCD image sensor  
 752 (H) x 582 (V) – 437.664 pixels  
 PAL

VBS 1,0 Vpp sync. Negative 75 ohms unbalanced  
 2 : 1 interlace

Internal (Quartz) / External (VD or L / L)  
 more than 470 TV lines  
**0,5 lux** (Output level 50% / AGC ON +23dB / F1,4)

better than 50 dB (AGC OFF)  
**ON** (Factory set) / Manual (FIX) / OFF by OSD settings  
**ON:** 1/50 sec. → 1/120.000 sec. / OFF 1/50 sec. by OSD setting  
 1/50 sec. → 1/12.000 sec. **16 steps by OSD**  
 ATW - ATW Lock - OFF selectable  
 0,45  
 Variable selection by OSD  
 typ. DC 12 V  
 120 mA at DC 12 V  
 -5 °C to + 45 °C      max. 80%. humidity  
 -20 °C to + 60 °C      max. 90%. humidity

f=5,6mm F3,0 Miniature lens  
 f=2,3mm / f=4,0mm / f=8,0mm / f=16,0mm / f=25,0mm  
 25 g. (With f=5,6mm lens)

**Dimensions**  
 42 (W) x 42 (L) x 31 (H) mm

**CN 1 – I/O Connector**

- CN1-1 DC12V IN
- CN1-2 GND
- CN1-3 Video Out
- CN1-4 GND
- CN1-5 SYNC IN(VS)
- CN1-6 GND
- CN1-7 VD/(L/L pulse) IN
- CN1-8 GND