

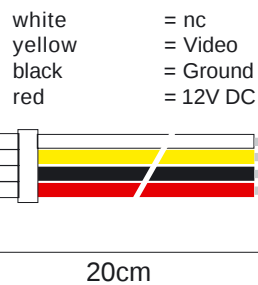
## 1/3" B/W board cameras with DC-Vario lens

Art. no. 15160    Model name VC-PC42C/138-DC3/12  
 Art. no. 15162    Model name VC-PC42C/138-DC9/22  
 Art. no. 15166    Model name VC-PC60C/138-DC3/12  
 Art. no. 15168    Model name VC-PC60C/138-DC9/22

Version 420TVL 3-12mm DC-Vario-lens  
 Version 420TVL 9-22mm DC-Vario-lens  
 Version 600TVL 3-12mm DC-Vario-lens  
 Version 600TVL 9-22mm DC-Vario-lens

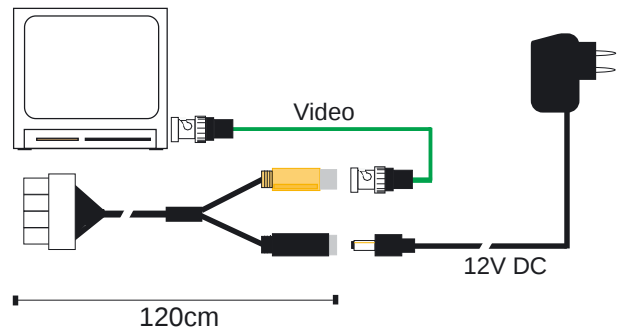
### Terms of supply:

B/W board camera with DC-Vario lens (12mm thread)  
 20cm connection cable equipped with plug for board socket



### Accessories:

**Stabilized 12V DC power supply** art.no. 20114  
**1,2m connection cable** art.no. 20642  
 equipped with: DC, video and board camera plug



VDE (E) EMC

**VC-Products  
 mean  
 high quality  
 and  
 reliability  
 with  
 German  
 engineering  
 and  
 design**

### Technical data

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| Resolution:(15160, 15162).....   | 420TVL (512 x 582 Pixel)                                                                           |
| (15166, 15168).....              | 600TVL (752 x 582 Pixel)                                                                           |
| Minimum illumination:.....       | 0,05 Lux / F 1,4                                                                                   |
| Pick-up device:.....             | 1/3" Panasonic CCD-Chip                                                                            |
| Signal working:.....             | Digital (DSP)                                                                                      |
| Spectral area:.....              | 380 up to 1100nm wave length                                                                       |
| DIP switch for:.....             | DC respectively shutter mode,<br>Backlight (ON/OFF),<br>Flickerless (ON/OFF),<br>AGC max. (ON/OFF) |
| Gamma correction:.....           | 0,45                                                                                               |
| Knee function:.....              | yes, for edge enhancement                                                                          |
| Signal to noise-ratio:.....      | > 50 dB (AGC off)                                                                                  |
| AGC:.....                        | Max. 26 dB                                                                                         |
| Synchronisation:.....            | Internal                                                                                           |
| Elektr. Shutter:.....            | 1/50 - 1/100000 sec.                                                                               |
| Backlight compensation:.....     | Yes (auto)                                                                                         |
| Smearing effect:.....            | 0,004%                                                                                             |
| LAG:.....                        | Zero                                                                                               |
| Scanning system:.....            | CCIR, 625 lines, 50 Hz                                                                             |
| Video output:.....               | BAS 1 Vss / 75 Ohm                                                                                 |
| Power source / consumption:..... | 12 (8-18) V DC, 0,1 A                                                                              |
| Environmental temperature:.....  | -10 up to +55°C                                                                                    |
| Environmental humidity:.....     | To 90%                                                                                             |
| Electrical safety VDE:.....      | EN 60065+60950                                                                                     |
| EMC:.....                        | EN 50081+82, CE certification                                                                      |
| Maximum vibration:.....          | 8 G                                                                                                |
| Mounting attachment:.....        | 4 holes 2 mm Ø - hole distance 34mm                                                                |
| Weight:.....                     | 40 g                                                                                               |
| Measurements:(BxHxT).....        | 38 x 38 x 55 mm                                                                                    |
| Lens:(15160, 15166).....         | 3-12 mm DC-Vario (22-80° horizontal)                                                               |
| (15162, 15168).....              | 9-22 mm DC-Vario (12-30° horizontal)                                                               |
| Lens mount holder:.....          | 12 mm screw thread                                                                                 |
| Iris:.....                       | DC controlled                                                                                      |
| Focussing:.....                  | Manual (0,5m to ∞)                                                                                 |

Spectral sensitivity of camera CCD-Chip

