

## 1/3" day/night color dome cameras with DC vario lens and Wide-Dynamic-Range

Art. no. 15278  
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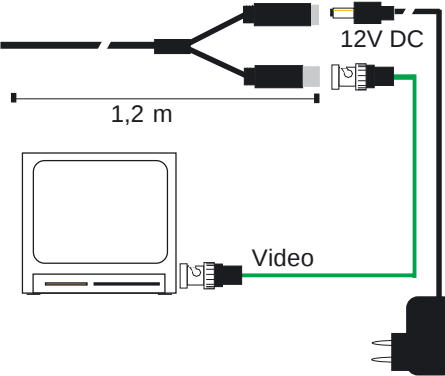
Model name VC-FKUP-480-DC3/12-WDTN  
Model name VC-FKUP-480-DC9/22-WDTN

Version 480TVL 3-12mm DC-Vario lens / D/N / WDR  
Version 480TVL 9-22mm DC-Vario lens / D/N / WDR



VDE (E) EMC

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



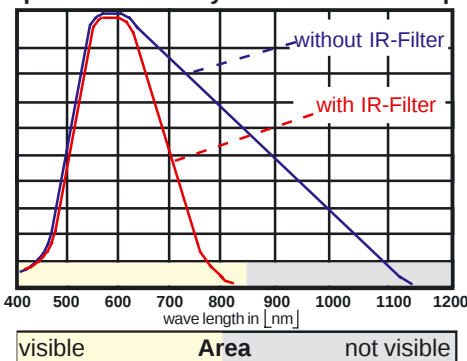
**Standard packing:**  
day/night WDR color camera  
with DC-Vario lens and 1,2m  
connection cable  
equipped with: DC plug and  
BNC socket for video

**Accessories:**  
**Stabilized power supply**  
12V DC/400mA (art.no. 20114)

### Technical data

|                             |                                                                                                                           |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Resolution:                 | 480TVL (752 x 582 Pixel) (color)<br>600TVL (752 x 582 Pixel) (b/w)                                                        |
| Minimum illumination:       | 0,5 Lux / F 1,4 (color)<br>0,05 Lux / F 1,4 (b/w)                                                                         |
| Pick-up device:             | 1/3" Sony Double Speed CCD-Chip                                                                                           |
| Signal working:             | Digital (DSP)                                                                                                             |
| Spectral area:              | 380 up to 800nm wave length (color)<br>380 up to 1100nm wave length (b/w)                                                 |
| Dynamik area (WDR):         | 64 dB                                                                                                                     |
| DIP switch for:             | DC resp. Shutter Mode, AWB resp. ATW,<br>WDR (ON/OFF), 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 / Linelock                                                                                                       |
| Elektr. Shutter:            | 1/50 - 1/100000 sec.                                                                                                      |
| Backlight compensation:     | Yes (auto)                                                                                                                |
| Smearing effect:            | 0,004%                                                                                                                    |
| LAG:                        | Zero                                                                                                                      |
| Scanning system:            | PAL, 625 lines, 50 Hz                                                                                                     |
| Video output:               | FBAS 1 Vss / 75 Ohm                                                                                                       |
| Power source / consumption: | 12 (8-18) V DC, 0,2 A (reverse batterie protect.)                                                                         |
| Environmental temperature:  | -10 up to +50°C                                                                                                           |
| Environmental humidity:     | To 90%                                                                                                                    |
| Weight:                     | 230 g                                                                                                                     |
| Measurements:(DxH):         | 117 x 83 mm                                                                                                               |
| Lens:(15278):               | 3-12 mm DC-Vario (22-80° horizontal)                                                                                      |
| (15279):                    | 9-22 mm DC-Vario (12-30° horizontal)                                                                                      |
| Lens mount holder:          | 14 mm lens holder                                                                                                         |
| Iris:                       | DC controlled                                                                                                             |
| Focussing:                  | Manuell (0,5m to ∞)                                                                                                       |
| Specific features:          | DIP switch programming<br>DC-Vario lens<br>Connection for LED illumination, Linelock<br>Ceiling or wall mounting (3axial) |

**Spectral sensitivity of camera CCD-Chip**



|                         |                                             |
|-------------------------|---------------------------------------------|
| Mounting reattachments: | Indoor and in protected outdoor area        |
| Mounting place:         | Plastics housing (beige), dome plexiglass   |
| Housing construction:   | For board cameras 1x 32x32 up to 2x 38x38mm |
| Camera housing typ:     |                                             |



Open dome with board camera  
and DC-Vario lens

