

# WinCamD

The Camera we are using belongs to the Chip experiment.

## Technical Data

TaperCamD20-15-UCD23:

- WinCamD with 20 x 15 mm 2.27:1 FO taper on the sensor
- 2/3" CCD sensor for CW Pulsed, 1360 x 1024 pixels, 6.45 um

If you have a TaperCamD series camera, press **Alt S** to reach the WinCamD Capture Setup dialog, and enter the appropriate PMF value in the WinCamD capture screen.

- TaperCamD20 - 15 - UCD23 Pixel multiply factor = **2.27**

Also enter the correct wavelength.

**Congratulations.** You have successfully completed installation.



## Shortcuts

Start measurement: Press G Stop measurement: Press S

## Power Limits

Power  $> 2.5 \times (\text{Beam diam in mm}) \text{ W}$ , or  $> 10 \text{ W}$  total, may damage the ND filter. The limit is lower for pulsed lasers, especially ns & fs lasers.

| nm   | Damage Threshold | Saturation Irradiance |
|------|------------------|-----------------------|
|      | mW/cm2           | uW/cm2                |
| 355  | Few              | ~0.3                  |
| 630  | >10              | ~0.15                 |
| 800  | "                | ~0.1                  |
| 1060 | "                | ~10                   |

## Data sheet

- WinCamD: [wincamd\\_man.pdf](#)

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