

# KERN ODC 231



Microscope camera with LCD display



## Category

|                  |                   |
|------------------|-------------------|
| Brand            | Optics            |
| Product category | Microscope        |
| Product group    | Microscope camera |
| Product family   | ODC-23            |

## Display

|                                 |                   |
|---------------------------------|-------------------|
| Display type                    | LCD               |
| Display screen size             | 7"                |
| Display resolution              | 1844×1080         |
| Languages of the user interface | German<br>English |

## Construction

|                                  |               |
|----------------------------------|---------------|
| Dimension (W×D×H)                | 182×125×85 mm |
| Dimension display device (W×D×H) | 182×125×15 mm |
| Material display housing         | Plastics      |

## Functions

|                              |   |
|------------------------------|---|
| Camera - Applicable software | external (S-Viewer)   |
| Camera - Software functions  | Image capturing<br>Video capturing<br>Image editing/<br>Documentation<br>Measurements |

|                             |                                    |
|-----------------------------|------------------------------------|
| Supported operating systems | Win 7<br>Win 8<br>Win 10<br>Win 11 |
|-----------------------------|------------------------------------|

|                     |       |
|---------------------|-------|
| Memory - total size | 16 GB |
|---------------------|-------|

## Interface

|            |         |
|------------|---------|
| Interfaces | USB 2.0 |
|------------|---------|

## Camera

|                              |                    |
|------------------------------|--------------------|
| Cameratype                   | Tablet camera      |
| Camera - Resolution          | 2 MP               |
| Camera - Sensor type         | CMOS               |
| Camera - Sensor size         | 1/2,8"             |
| Camera - Colour depth        | Colour             |
| Camera- Mounting types       | Plug-in connection |
| Camera - Exposure method     | Rolling Shutter    |
| Camera - Sensor Diagonal     | 6,46 mm            |
| Camera - Pixel size          | 2,9×2,9 µm         |
| Camera - FPS range 1         | 30 FPS             |
| Camera - Resolution range 1  | 1920×1080          |
| Camera - Exposure time [Min] | 0,03 ms            |
| Camera - Exposure time [Max] | 40 ms              |

## Power Supply

|   |                                      |
|---|--------------------------------------|
| Supplied power supply                                   | Power supply unit                    |
| Plug-in power supply type                               | USB including power supply           |
| Plug-in power supply / adapter for countries - optional | EURO                                 |
| Input voltage power supply / power [Max]                | 100 - 240 V AC   50 / 60 Hz   400 mA |
| Input voltage device / power [Max]                      | 5 V 1000 mA                          |

## Approval

|         |   |
|---------|---|
| CE mark | ✓ |
|---------|---|

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 200×190×125 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 0,50 kg        |
| Gross weight approx.         | 0,70 kg        |
| Shipping weight              | 1 kg           |

## Pictograms

### STANDARD

