

# MON-10-1K

## Specialized 10" monitor



The MON-10-1K monitor is a specialized device for displaying images from multi-sensor optoelectronic cameras and heads. It allows you to connect up to three analogue video signal sources in the CVBS PAL standard or one digital signal source in the HD-SDI standard. It is possible to display an image from a single source or two different analogue sources as horizontally adjacent images or PiP (Picture-in-Picture). Configurable buttons allow you to control the monitor's functions, such as image brightness and contrast, source and

display mode, and the optoelectronic head connected to it.

The monitor has a hermetic housing made of machined aluminium alloy and powder coated. The monitor's protective glass is heated, allowing for operation in low temperatures. The whole is adapted to work in armoured combat vehicles and can be powered from the onboard vehicle network. The monitor is adapted to work with the daylight-thermal KTD *Kumak* camera.

### Main parameters

Display	
<i>type</i>	colour IPS LCD matrix
<i>backlight</i>	LED
<i>diagonal</i>	10.1"
<i>resolution</i>	1920 × 1200 px
<i>contrast</i>	1:800
<i>viewing angle (H×V)</i>	170° × 170°
Video inputs	
<i>analogue</i>	up to 3× CVBS PAL*
<i>digital</i>	1× HD-SDI*
Control interface	
<i>type</i>	nine configurable buttons; possibility of camera control via RS-485
Supply	
<i>supply voltage</i>	18–30 VDC
<i>power consumption</i>	below 15 W
Mechanical parameters	
<i>housing</i>	machined powder coated aluminium alloy; heated protective glass
<i>protection index</i>	IP67
<i>operating temperature</i>	–30°C to 60°C
<i>dimensions</i>	280 × 230 × 60 mm
<i>weight</i>	3.25 kg

\* the monitor can have either analogue video inputs or one digital video input

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