

# CONDOR HD



**Tracking •**  
**Reconnaissance •**  
**Target acquisition •**

**Detection: 30 km**

**Recognition: 7 km**

**Identification: 5 km**

*Theoretical values based on Johnson's V50 criteria,  
target size is 2.3 x 2.3 m @NFOV.*



*Full HD colour camera*



*10x Optical zoom (continuous)*



*Switchable IR cut-off filter*



*Easy intergration and quick to use*

**Other key features:**

*4x Digital zoom (continuous) / Excellent Line Of Sight*

*Fast acting zoom and focus / Ruggedized*



# CONDOR HD

## Technical data

With its modular design, excellent Line of Sight, 10 times optical continuous zoom, 4 times digital continuous zoom, the Condor is the best full HD day sight camera on today's market

The system has a fast acting zoom and focus and is therefore the perfect choice for, tracking, target acquisition applications.

Due to the easy integration the camera can be fitted into new, retrofit and modernization programs.

<b>Field Of View (FOV)</b>	( ) = with 4x digital zoom
<b>Horizontal FOV</b> <b>Vertical FOV</b>	1.27° (0.32°) - 12.7° 0.71° (0.18°) - 7.1°
<b>Optical zoom</b> <b>Digital zoom</b>	10x continuous 4x continuous
<b>Focus range (iris @ F1.8)</b>	≤ 10 m ... ∞
<b>Line Of Sight (LOS)</b>	
Dynamic LOS over zoom Dynamic LOS over focus	< 1 mrad ≤ 0.3 mrad (50 m ∞)
<b>Visual Spectrum</b> <b>Detector</b> <b>Resolution</b>	400 to 1000 nm (to 700 nm with IR cut-off filter) 1/1.8" CMOS 1920x1080 pixels
<b>Input, output and control</b>	
Power supply Video output Control Video genlock	28 Vdc HD-SDI 1080p25 RS-422 / RS-232 Available
<b>Video enhancement</b>	Automatic exposure control Automatic white balance Manual white balance Contrast enhancement Continuous digital zoom Edge enhancement Defect pixel correction Gamma correction
<b>Lens control</b>	Zoom in/out, select FOV Focus far/near, select distance, autofocus Iris open/close, select F#, auto iris
<b>Shock and vibration</b> <b>Temperature</b> <b>EMC</b>	Complies with MIL-STD-810 Complies with MIL-STD-810 Complies with MIL-STD-461
<b>Width * height * length</b> <b>Weight</b>	90 * 100 * 270 mm (approx.) 3.0 kg (approx.)