

# CONDOR

*Full-HD camera for tracking, reconnaissance and targeting*

The Nedinsco CONDOR camera is a Military Off The Shelf (MOTS) camera with a 40x fast acting zoom.


The CONDOR camera is suitable for any application where reliability is a must and can be integrated into a sensor platform configuration for day sight applications.

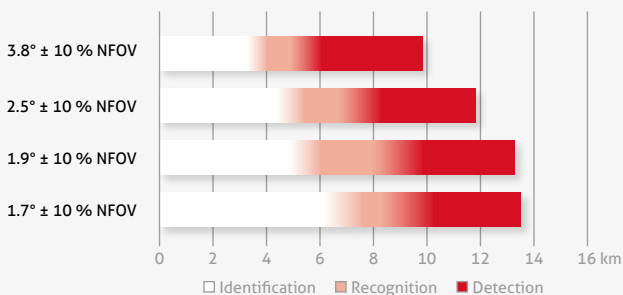
The CONDOR camera is designed to withstand extreme environmental conditions, it is extremely shock resistant, keeping it's high Line of Sight stability.


## KEY FEATURES

- Fast acting camera, 40 x continuous zoom
- Stabilized Line of Sight during optical zoom, under all conditions
- Easy integration into Pan & Tilt Units
- ITAR free, MOTS (Military Off the Shelf)
- Full-HD Daysight



 NATO standard target (2.3 x 2.3 m)



 MAN (1.8 x 0.9 m)





## TECHNICAL SPECIFICATIONS – CONDOR CAMERA

Model		CONDOR Camera			
<b>OPTICAL</b>					
Field Of View, horz.		3.8° ± 10 % NFOV 36.7° ± 10 % WFOV	2.5° ± 10 % NFOV 24.9° ± 10 % WFOV	1.9° ± 10 % NFOV 18.8° ± 10 % WFOV	1.7° ± 10 % NFOV 16.7° ± 10 % WFOV
Objective		10 – 100 mm Continuous zoom	15 – 150 mm Continuous zoom	20 – 200 mm Continuous zoom	22.5 – 225 mm Continuous zoom
Focus range		10 m ↔ ∞ in total FOV			
Distortion		<10%			
Spectral response		400 ... 1000 nm			
Digital zoom		4x			
Sensor		1920 x 1080 pixels, 3.45 µm pixel size			
Sensor type		1/1.8" ; CMOS Color			
<b>SYSTEM SPECIFICATIONS</b>					
Latency		< 20 ms			
Video output		HD-SDI (1080i60)			
Temperature	Operational	STANAG 2895 Zone M1...M3: - 35°C bis + 63°C			
	Storage	STANAG 2895 Zone M1...M3: - 34°C bis + 70°C			
Shock	Functional	MIL-STD-810 516.8 10 pulses; 5 +/5-; XYZ axis ; 39g±2g ; 17ms			
	Transportation	MIL-STD-810 516.8			
Vibration	Operational	MIL-STD-810 514.8			
	Wheeled				
EMC		MIL-STD-461			
Communication Interface		RS-232/ RS-422			
Power supply		18-32V DC			
Power consumption		10W typical			
MTBF		MIL-HDBK-217 F, 10.000h, Ground Mobile 25°C			
<b>MECHANICAL</b>					
Dimensions (W x H x D)		90 x 100 x 270 mm, excluding connector			
Weight		< 3 kg			
Interface drawing		On request			

