

DEFENDER



PATRIOT 2



NVECTECH
Ukraine

WWW.NVECTECH.COM



0.7M

319 480

325 650

335 910

660-360 1280



1.8M

319 1200

325 1500

335 2000

660-360 3400



0.7M

L19 480M

L25 650M

L35 910M

L50 1280M



1.8M

L19 1200M

L25 1500M

L35 2000M

L50 2900M

DETECTION RANGE

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POLAND, WARSAW

MODELS		MODELS					DEFENDER					PATRIOT 2				
DESIGNATION	DESIGNATION	319	325	335	335L	360L	660L	L19	L25	L35	L50	H50	L50 PRO			
MICROBO LOMETER	RESOLUTION	384x288					640x512	384x288					640x512	384x288		
	PIXEL PITCH						12µm									
	NETD	≤20mk@300k						≤18mk@300k								
	SPECTRAL RANGE						8-14µm									
FRAME RATE							50Hz									
OPTICS	OBJECTIVE LENS	19mm (F 0.8)	25mm (F 0.8)	35mm (F0.8)	35mm (F0.8)	20/60mm (F1)	19mm (F0.8)	25mm (F0.8)	35mm (F0.8)	50mm (F0.9)						
	FOV	13.8° x 10.4°	10.5° x 7.9°	7.5° x 5.6°	7.5° x 5.6°	131° x 9.8° / 21.7° x 7.4° / 4.4° x 3.3° / 7.3° x 5.9°	13.8° x 10.4°	10.5° x 7.9°	7.5° x 5.6°	5.3° x 4.0°	8.8° x 7.0°	10.5° x 7.9° / 5.3° x 4.0°				
	MAGNIFICATION	1.8X	2.4X	3.3X	3.3X	1.8X/5.5X	1.8X	2.4X	3.3X	2.8X	2.8X	2.4X-4.8X				
	DIGITAL ZOOM	1.0 - 5.0X smooth & rapid zoom						1 - 4X continuous zoom								
	EYE RELIEF	45mm						40mm								
	EXIT PUPIL						6mm									
	DIOPTR	±5D														
	TYPE	AMOLED														
	OLED COLORS	6														
DISPLAY	DISPLAY SIZE	0.39inch														
	COLOR PALETTE	6														
	IMAGE MODE	«WDR» (Wide Dynamic Range) mode and «OBJECT»														
	BATTERY TYPE	REPLACEABLE high capacity lithium ion battery (18650 x 2)						Internal high capacity lithium ion (18650 x 2)								
BATTERY	BATTERY LIFE	Continuous working time ≥18h						Continuous working time ≥20h								
INTERFACE	TYPE-C	Supports battery charging, data transfer, UVC video output														
	WIRELESS	Hotspot connection, App remote control														
ENVIRON- MENT	WORK TEMPER.	-25°C — +55°C														
	IP RATING	IP67														
	SIZE	379x75x110	379x100x110	221x66x67	224x66x67	241x73x73										
ACCESSORY	ACCESSORIES	USB data cable, Wrist strap, Protective bag, User manual														
FUNCTION	PHOTO/VIDEO PLAY	YES														
	AI DIST. MEASURE	YES														
	MIL DIST. MEASURE	YES														
	RETICLE	YES														
	IN-BUILT MEMORY	64GB														
	PIP	YES														
	HEAT TRACK	YES														
	GPS	YES														
	TERMOMETER	YES														
	GYROSCOPE	YES		NO												
	REAL TIME REC.	YES														
	OSD RECORDING	YES														
	AZIMUT	YES														
	COMPASS	YES														
	HEIGHT SENSOR	YES														



L50 Pro



L50-H50



L19-35

PATRIOT 2



Battery indicator:
Intelligent indication
battery charge.

Tablet und 10 m kabel:
Ermöglicht das beobachten
während im tierheim.



Updated menu:
More convenient and
functional interface.

Updated controls:
Even stronger, more comfortable
and more sensitive.



**New altitude and
temperature sensors:**
Additional analysis
environment.

**Additional metal elements
and cat eye:**
Protection of critical elements
and eyes.



The new most sensitive matrix
<18mK (384x288px, 640x512px):
Even faster, even more sensitive.

A wide selection of lenses:
19 mm – 1200 m; 25 mm – 1500 m;
35 mm – 2000 m; 50 mm – 2900 m.



DEFENDER



319-335L



360L



660L



Magnesium alloy body:
Impact resistance 10000J.

Range finder 1200m:
Multifunctional rangefinder.



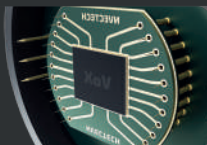
AI-based software:
Thanks to more than five sensors,
the device adapts to the needs
of the user.

Convenient controls:
Strong, comfortable and sensitive.



Battery indicator:
Intelligent indication
battery charge.

**Mount with damper for
DEFENDER:**
Reduces the effect of recoil
on the sight.



**The new most sensitive matrix
<20mK (384x288px, 640x512px):**
Even faster, even more sensitive.

An eyepiece on the helmet:
Streams video from the scope
to the helmet. Allows you to fire
from behind cover.

