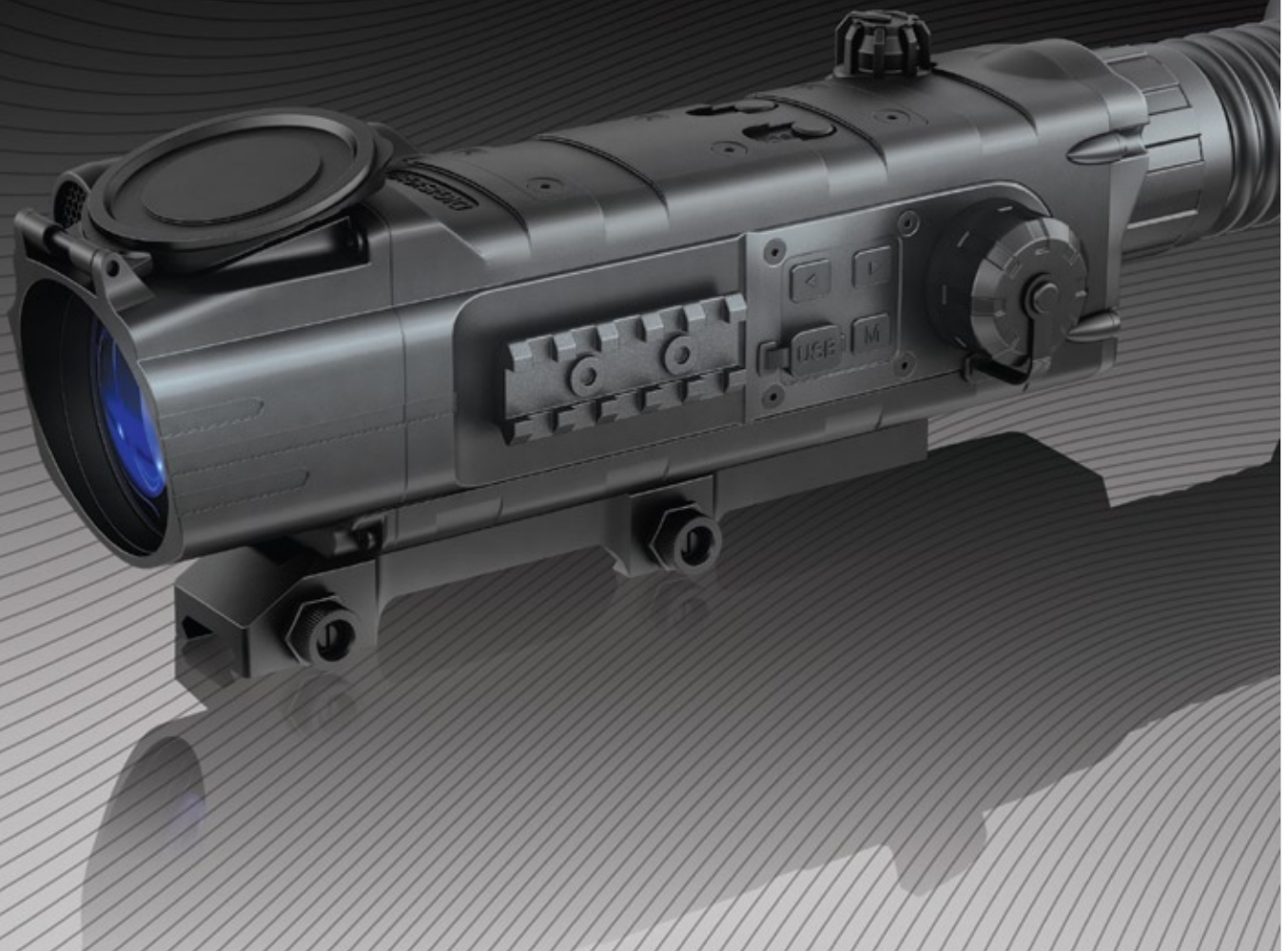# PULSAR
IMAGE.QUALITY

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IS GUIDING IN
A NEW ERA

DIGITAL NV
DIGISIGHT N550

MODELS { ● Digisight N550

- Fine Image Quality and Resolution
- Highly Sensitive CCD Array
- User Choice of the Reticle Shapes
- Switchable Sum Light ™ Signal Processing Program
- Mini-USB Slot for Downloading into the Device's Memory Additional Aiming Reticles of User Configuration
- Water-Resistance
- One-Shoot Zeroing
- Large Eye Relief (67 mm)
- Built-In & External Power Supply
- Built-In Clock
- High Contrast Function
- Resistant to Bright Light Exposure
- Accurate Internal Front Lens Focus Adjustment

- Ergonomic Design and Intuitive Easy-to-Use Interface
- Remote Control with Secure Attachment
- Additional Weaver MIL-STD-1913 Rail for Accessories
- Manufacturing Employs Carbon Plastic and other Modern Technologies
- Flip-Up Objective Lens Cover
- Self-Contained and External Power Supply
- Video-Input / Video-Output
- Built-In IR Illuminator with Shield Blind
- Separate Adjustment of Brightness and Contrast
- User Choice of a Color of Display's Glow
- Low Battery Indication

DIGISIGHT N550

MODELS { • Digisight N550

❶ MAIN MENU

The Digisight main menu includes brightness control of the reticle, choice of the reticle shapes as well as setting of running time.

❷ WINDAGE/ELEVATION KNOB

Reticle adjustment (movement of the reticle horizontally and vertically during sighting) is performed by a special knob. Switching from the horizontal movement mode to the vertical and vice versa is performed by pressing a button located right on the knob.

❸ WEAVER 7/8"

rail fixed on the left side of the body is used for attaching additional accessories.

❹ Mini-USB

The mini-USB slot allows the riflescope to be connected to a personal computer or a laptop to upload additional (including «user-constructed») aiming reticles.

❺ QUICK IMAGE ADJUSTMENT.

A group of functions including **Contrast mode** (for a sharp contrast increase), **Color mode** (successive change of LCD display's illumination color) and **Sum Light** mode (activates sensitivity enhancement algorithm) are available.

❻ VIDEO IN / VIDEO OUT

The Digisight N550 is equipped with a socket for connection of external video recording sources or video playback sources. Switching from VIDEO IN mode to VIDEO OUT is performed by pressing a button located next to the socket.

❼ EXTERNAL CONTROL

The Digisight N550 can be operated with the help of a remote control which duplicates activation functions of the riflescope, IR illuminator and reticle inversion (see point 11). The riflescope can be powered both with 4 AA batteries, as well as with external power sources.

❽ INTERNAL FOCUSING.

The optical system employs an internal focusing mechanism (from 5 m to infinity) with «definite» click-stop focus positions. The focusing provides clear images at extremely short distances as well as optimizes quality at all distances within the riflescope's working range.

❾ BRIGHTNESS ADJUSTMENT WEEL

adjusts optimum brightness of screen's glow for each specific case.

❿ BUILT-IN IR ILLUMINATOR

is reasonable for usage at insufficient levels of natural illumination for improvement of observation quality.

⓫ RETICLE INVERSION

The inversion button allows changing color of the aiming reticle from black to white. The choice of reticle color is subject to the target's brightness.

⓬ SCREEN.

The choice of one of the four operating modes: blank screen, «Aiming reticle» mode, «Clock» mode, «Aiming reticle & Clock» mode.

⓭ LENS CAP

The riflescope's lens is covered with a plastic cap. The lens cap is fixed on the scope's body for better loss prevention.

⓮ POWERING UP

the unit and the built-in IR illuminator is carried out successively by gradual turning of the selector switch.

Technical specifications

MODEL #	76311
Generation	Digital
Magnification, x	4.5
Objective lens diameter, mm	50
Field of view, angular degrees	5.5
Eye relief, mm	67
Exit pupil, mm	6
Resolution, lines per mm	50
Max. detection range, m *	600
Diopter setting, D	±3.5
Close-up range, m	5
Power Supply, V	6 (4*AA)
Degree of protection (IEC 60529)	IP46
Operating Temperature, °C	-10 ... +35
Dimensions, mm	340x95x94

* - in normal nighttime conditions – 0.05 lux (quarter moon)