DSCHULNIGG VIP EVENT
PRESS RELEASE **JULY 2, 2014**

COMING IN SEPTEMBER 2014
THE FIRST EVER THERMAL
MULTIPURPOSE SYSTEM WITH
PATENT PENDING DISPLAY ADJUSTMENT
PROVIDING PERFECT IMAGE IN ALL MODES

CORE FHD50
THERMAL SCOPE

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For Immediate Release

(2 July, 2014)

First ever seen by the press: Pulsar's newest creation of multitasking is a thermal device never before attempted in the thermal systems market. More compact than any Pulsar's predecessors the Core is carrying this name for a reason: it's central component is designed to be used with attachment lenses to create a monocular, riflescope or the day scope front mounted system.

Moreover, the Core features the most advanced Pulsar's thermal sensor integration design securing the top-notch performance in any configuration. The multitude of capabilities would be impossible to achieve without the Pulsar's patent-pending invention of the multifocal display. With the know-how under it's belt - the Pulsar brand is moving forward with the first production of this unit in September 2014

Characteristics

Product ID	**Thermal Attachment/Monocular Core FHD50**
Model # (SKU)	76455
Electronic components	
Frame Rate, Hz	30
Microbolometer resolution, pixels	384x288
Spectral Sensitivity, µm	8-14
Pixel Pitch, µm	25
Display type	OLED
Display Resolution, pix.	640x480
Video IN / OUT availability	video out
Operation modes	3 modes
Defective pixel repair option	yes
Optical characteristics	
Magnification	2x/1x
- when used with a daylight optical sight/device	Equals to the daylight optical scope/riflescope's magnification
Digital zoom, x	2
Lens diameter, mm	42
Lens focus, mm	50
Relative aperture, D/f'	1,2
Field of View, m@100m, horizontal	19,2
Minimum focusing distance, m	5
Eye Relief, mm	14/projected rays
Exit Pupil, mm	5/20
Diopter adjustment, dptr.	+/-5
Outer diameter of the lens housing of a daylight scopes/riflescopes (possibility of using with a daylight optical scopes/riflescopes), mm	47, 48, 49, 50, 55,56,57,58.7, 60, 62, 65
Range of detection, m (object (human = 1,7*0,5m)	1100

Highlights

- Simple adaption of day riflescope for night shooting
- Retaining point of impact
- Easy mounting
- Easy transfromation into monocular
- User friendly interface
- Wide operating temperature range
- Wireless remote control
- Lightweight and compact

Product Images

Company

YUKON ADVANCED OPTICS WORLDWIDE

Headquarters: UAB “Yukon Advanced Optics Worldwide” (Lithuania)

Profile: Manufacturer of optical products, night vision, synergies of electronics and optical devices (production, research and development)

Labor Force: more than 800 employees

Products:

Thermal Imaging Equipment
Digital Night Vision Riflescopes
Digital Night Vision Devices / Digital Night Vision Video Recording Systems
Night Vision Monoculars & Binoculars (Gen. I, CF-Super Gen, Gen. II+)
Head-mounted night vision devices (Gen. I, CF-Super Gen, Gen. II+)
Night Vision Riflescopes (Gen. I, CF-Super Gen, Gen. II+, Gen. III)
Laser Range Finders
Binoculars
Spotting Scopes
Infrared Flashlights

Brands:

Yukon Advanced Optics

Optics developed for consumer market. Hunting, outdoor and hobby markets as well as specialty optics for security and search/rescue plus many other semi-professional applications

Pulsar

Optics and advanced NV designs culminating years of research into a new line targeted towards professional and discriminate amateur users. Law enforcement, tactical, search and rescue operations and many other applications are considered in development of the Pulsar models

Facts about the company

Global leader in OEM manufacturing of NV systems
Exclusive manufacturer of the CF Super gen 1+ systems that bring the cost of Gen technology closer to the performance of Gen 2+ in resolution and image quality.
Leader in digital NV development
Up to 20% of the product line is renewed every year with new product models and modifications.
Global marketing and PR effort funded by the company aimed to support the success of its brands

Pulsar Team at VIP Event

IVAN ARBOUZOV

Founding partner

Yukon Advanced Optics
and Pulsar brands.

VLADIMIR DASIUKEVICH

Managing Director

Polaris Vision Systems EU Limited,
extensive experience
in product development
and EU distribution.

MAXIM BURAK

Marketing specialist

Frequent seminar host
and specialist in NV marketing