NIGHT VISION PULSAR Digital NV Forward FN155

Enhanced night time sensitivity
Modern digital components and original software signal processing provide Forward F/Forward FN a high nigh sensibility. That's why Forward can be used not only in the late evening, but also at night in the passive mode, without switching-on the IR-illuminator.

Wi-Fi. Integration with iOS and Android devices
The Stream Vision software connects the device with Android/iOS mobile unit which enables you to receive footage in the real time mode, to distantly operate the device, as well as update software and work with files.

Integrated video and sound recorder
Capturing still images and video is seamless with the Forward F's/Forward FN's built-in video recorder. Image and video content is stored internally and can easily be transferred to PC/laptop via wired connection or Wi-Fi. Files saved on built-in storage, image files and videos can be transferred to PC or mobile device using cable or via Wi-fi.

Software Evolution Support
For initial setup and additional updates, the iOS and Android compatible Stream Vision App ensures the most recent software versions are available

Invisible IR Illuminator
The Forward F/ Forward FN comes equipped with a high-intensity, detachable, 940 nm IR illuminator, complete with 3 power modes and robust adjustability for precise spot-to-flood throw positioning. Illuminator features robust adjustability for precise spot-to-flood throw positioning, 3 steps of light power regulation and possibility of precise positioning of a light spot in the field of view of the riflescope

Live Internet Streaming
Stream Vision allows to stream online the image captured by the device to the Internet using public video services and Youtube.

Fully waterproof (IPX7)
IPX7 waterproof-rated protection ensures the Forward F/Forward FN performs perfectly in wet weather, even during intense rain, snowfall

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Electronic components
Sensor type: CMOS sensor
Camera resolution, pixels: 702x526
Display Resolution, pix.: 640x480
USB, type: Micro USB type B

Optical characteristics
Magnification: 1 (of the digital module)
Relative aperture, D/f': 1 : 1.2
Field of View,°, horizontal: 4-8
Suggested optical magnification range: 4-8
Close-up range, m: 5

IR-illuminator
Radiation source (diode type): LED
IR Wavelength, nm: 940

Power Supply
Power Supply, V: 3.1 ÷ 4.2
Battery type: B-Pack
Battery Life (w/out IR), hour: 9 (IPS5, Wi-fi)
External Power Supply: 5V (USB

Wi-fi channel
Frequency: 2.4 GHz
Standard: 802.11 b/g/n
Line-of-sight reception range: 15

Physical & operational characteristics
Operating Temperature,°C: - 25 … + 50
Shock resistance on rifled weapon, J: 6000
Dimensions, mm: 272x92x77
Weight (without batteries), kg: 0.48

What's in the box

Digital module
Cosmetic cover
Monocular Pulsar 5x30
Carrying case
Wireless remote control
IPS5 Battery Pack
Battery charger with mains charger
Quick-release IR Illuminator

STREAM VISION TECHNOLOGY

Widespread, constantly evolving digital technologies invade, enhance and raise standards in every aspect and sphere of our lives. Today, with literally billions of people in every corner of the globe engaged in constant virtual contact with each other, developing cross-platform devices is more important than ever. Like a smartphone, once simply a means of verbal and text communications but now a multi-purpose, multi-tasking instrument for business and social relations, Pulsar's innovative line of digital night vision and thermal optics deliver valuable work and entertainment information.

Most Pulsar thermal imaging and digital night vision optoelectronic devices featured on our web-page were designed with cutting-edge 21st century innovation to handle more than simple viewing tasks. While Pulsar continues to develop feature-rich devices focused on high-resolution image quality, ergonomics and world-class reliability, we understand that now, more than ever, ease of interface and multi-vector use are equally important.

Stream Vision solves this task by providing a symbiosis of software and hardware platforms designed to connect personal Android and iOS devices, i.e. smartphones, tablets, etc. to Pulsar digital and thermal imaging devices via Wi-Fi.

Stream Vision Quick Guide (Android) | Stream Vision Quick Guide (iOs) | Stream Vision App Privacy Policy | Stream Vision End User License Agreement

By installing the Stream Vision App (available in AppStore for iOS and Google Play for Android), digital night vision operators using Helion, Trail, Digisight Ultra, Forward F or Digiforce RT models benefit from:

- Comfortable, fatigue-free, streaming field-of-view displayed on wireless devices in real time
- Using your smart phone or tablet as an additional remote control
- Full content management – view, delete and download photo and video files stored in the device's onboard memory
- Transmit images and videos directly to storage or video platforms like YouTube

Stream Vision's proprietary software was developed by Yukon Advanced Optics Worldwide specifically for Stream Vision-compatible Yukon and Pulsar optoelectronic devices to ensure additional program functionality is easily accessible.

Stream Vision's 2017 achievements already include the ability to share video content to more publishing platforms than just YouTube, enter ballistic calculator information into the device and record with motion-detector video activation.