

NUVIZ Specs

HUD Optics

Display

Active matrix LCOS (Liquid Crystal on Silicon) microdisplay with a resolution of 800X480 RGB dots

Self-adapting brightness per ambient conditions

Pixel density: 3,175 dpi with 16M possible display colors

Processor & Sensors

CPU

1.2 GHz quad-core Qualcomm Snapdragon

Sensors

Ambient Light

Gyroscope

Barometer

Magnetometer

Accelerometer

Memory

RAM

1GB LPDDR3 onboard memory

Storage

16GB eMMC onboard storage with ~10GB dedicated user data storage

Up to 128GB of flash storage microSD (uSD) supported

Connectivity

WIRELESS

GPS

Standalone - GPS

WLAN

IEEE 802.11 b/g/n 2.4 GHz

Bluetooth

4.0 with headset support for HFP, A2DP and AVRCP

WIRED

USB

2.0 (MICRO USB-B)

Action Camera

Photo

8MP with auto white balance and auto exposure support

Video

MP4/H.264/AVC video with AAC audio recording

1080p 30fps 20Mbps

720p 60fps 20Mbps

720p 30fps 12.5Mbps

480p 30fps 4Mbps

Audio

Headset

Proprietary wired headset with two earphones and one microphone

Headset Jack

3.5mm round

Max Output

96±3dB@1kHz

Analog Mic Input

-38±3dB@1kHz

Battery

HUD

Replaceable / Rechargeable (3250 mAh)

Heavy use: 3.5 - 6.5 hours

Light use: 8+ hours

Controller

Replaceable CR2032 Lithium 3V

Up to 5 years

Size & Weight

NUVIZ

Height: 58 mm / 2.3 in. main body, 98 mm / 3.9 in. optics housing

Length: 148 mm / 5.8 in.

Display size: 0.294" / 65"@10m

Thickness: 25-28 mm / 1-1.1 in. main body, 36 mm / 1.4 in. optics housing

Weight: 240 g / 8.5 oz. (with battery)

Controller

Height: 13 mm / 0.5 in. + 6 mm / 0.2 in.

Diameter: 46 mm / 1.8 in.

Weight: 28 g / 1 oz.
