



Everysight Raptor

Product Specification

Device Specifications

- BEAM™ Display Projector
 - WVGA+ OLED Display
 - Ultra High Brightness and Contrast for outdoor environments
 - Display equivalent to a 65" screen size (virtual viewing distance 12 feet)
 - Adjustable brightness level
 - Digitally adjustable screen positioning (using Eversight's Smartphone App)
- Processors
 - Qualcomm® Snapdragon™ 410E
 - 1.2GHz Quad-Core ARM Cortex-A53
 - Qualcomm® Adreno™ 306 GPU
 - Low power voice DSP
 - Low power sensors fusion processor running proprietary line-of-sight algorithms
- Memory & Storage
 - 2GB SDRAM
 - 16GB or 32GB Internal Storage*

*Storage specifications refer to capacity before formatting. Actual formatted capacity will be less

- Raptor OS
 - Android 5.1.1 Lollipop
- Camera
 - 13.2 MPixel
 - 75 degrees' field of vision
 - Video Modes: 1080p30 / 720p60 / 480p30
 - Still Image Resolution: 13.2 MP / 3.2 MP Quick Shutter
 - f/2.0
 - h.264/AAC
- Audio
 - Internal Speaker
 - Low noise microphones for video recording and voice control

- Sensors:
 - 3D Accelerometer
 - 3D Gyroscope
 - 3D Magnetometer
 - Barometer
 - Proximity sensor to identify when Raptor is worn
- Navigation
 - GPS and GLONASS
- Connectivity
 - Ant+™
 - Bluetooth 2.0
 - BLE 4.1 (Bluetooth Smart)
 - Wi-Fi - 802.11b/g/n 2.4GHz
 - Micro USB 2.0 for battery charging and data transfer.
- Controls
 - Multi-Touch Pad for use with or without gloves
 - Voice control
 - Bluetooth remote controller
 - Power / Display Sleep button
 - Privacy LED to indicate that camera is recording
- Battery
 - Up to 8-hour battery life
 - Rechargeable via USB Micro-B
- Frame & Visor
 - Grilamid® TR-90 frame for a durable yet lightweight experience
 - Impact-resistant interchangeable visor
 - Adjustable nose piece for better fit
- Weight
 - Approx. 3.45oz / 98g

- Environmental, Dust & Water Resistance
 - Operating ambient temperature: 32° to 104° F (0° to 40° C)
 - Nonoperating temperature: 14° to 140° F (-10° to 60° C)
 - Relative humidity: 5% to 95% noncondensing
 - IP55
- Accessories
 - Bluetooth remote controller
 - Rx lens insert
 - Dark Tint visor for day light conditions
 - Light Tint visor for low light conditions
- EverySight Smartphone Companion App
 - Compatible with iOS version 9 and above or Android version 4.4 and above