

Kiber 3Evo | HEAD UNIT

The multi-feature wearable hands-free device empowering field workforce

KS-CoS-NA



Kiber EVO is the latest evolution of our technology, targeting those use cases where the size and weight of smartglasses are of the utmost importance and need to be reduced to the minimum. **Weighting only 120 grams** (including the support) the Kiber EVO is designed to **optimise space and weight** for the Kiber platform:

- Binocular high-resolution display (1280 x 960 pixel per-eye) for maximum visual comfort.
- 5Mpixel HD Camera with wide-angle optic to clearly see what the technician is doing.
- High-resolution still image capture and transmission to annotate details of what is in front of the technician.
- On-board processor for optimised for low bandwidth (data compression) transmission.
- Can be mounted on different types of standard hats, bands, safety glasses, PPE hardhat and more.
- CE compliant.
- USB Tethering support for an Android phone or tablet for enhanced functionalities

ITEMS INCLUDED:

- ✓ [K3Evo-HE-NA](#) | K3Evo Head Mounted Unit with USB-C cable
- ✓ [K3Evo-BND-NA](#) | Self-adjusting headband with mounting kit
- ✓ [K3Evo-EABD-NA](#) | Bluetooth over ear buds with battery charging case
- ✓ [K3Evo-CS](#) | Semi-rigid case

TECHNICAL SPECIFICATIONS

HEAD UNIT - DISPLAY SPECS	
Visor type	BINOCULAR (Max Readability & Comfort)
Screen resolution	Dual Display 1280 x 960 (Native)
Helmet clip	Universal Hotshoe Plug



HEAD UNIT - CAMERA SPECS	
Sensor	Enhanced 5M CMOS sensor
Angle of View (Diagonal) FoV	160°
Max Streaming Resolution (@30fps)	1920 x 1080 Pixel
Max photo Resolution	2592 x 1944 Pixel
DoF	From 10cm to infinity



COMMUNICATIONS SPECS	
WiFi	802.11 2.4GHz a/b/g/n
Communication Protocols	TLS/SSL, HTTPS, WSS
Bluetooth	4.1 with BLE
Encryption and Security Algorithm	WEP, WPA2, WPA2 Enterprise

GENERAL INFORMATION	
CPU	1GHz ARM 11 - Quad Core
GPU Capabilities	OpenGL ES 2.0, H.264 codec (main profile)
Internal Storage	12GB
Power consumption	3.5 W full load
Rated Ambient Temperature Range	-10 °C + 40 °C
Storage Range	-10 °C + 40 °C
IP Rating	IP54
Dimensions (W x W x D) [mm]	155 x 360 x 280 (when stored)
Total Weight (w/o Energy Mgmt. Unit)	Approx. 120 g