



RF solutions

WE GET THE PICTURE.



EAGLE

CineArk RF is proud to introduce **THE EAGLE**, the world's first **DUAL BAND** video transmitter. Built **specifically for the film and TV industry** it features a **ROBUST** but **COMPACT** easy to rig design.



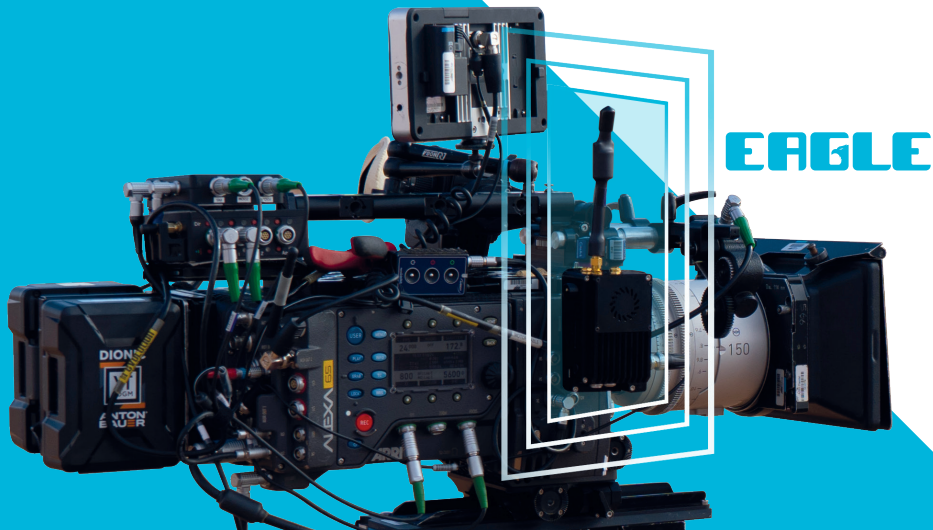
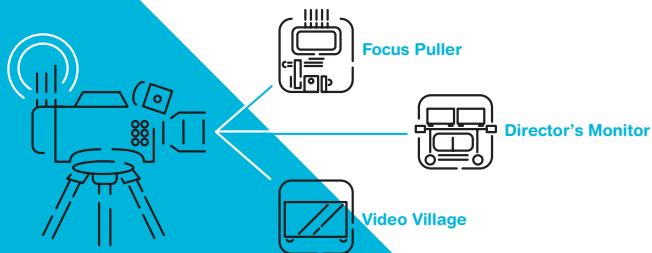
RF solutions

EAGLE

Within a single compact unit the **EAGLE** combines both the ultra-low delay and high picture quality of a licence free 5GHz video transmitter, with the long range and robust RF performance of a DVB-T system, giving your operators the best of both worlds.

We have a range of receiver options and antenna available allowing you to achieve incredible RF performance, we can easily transmit 10Km directly from camera, as well as covering non line-of-sight runs using multihop nodes. Combine this with support for air to ground links, and a wide range of mounting options it makes the **EAGLE** the ultimate product for all scales of film production.

Less equipment mounted on camera to keep the camera operator happy, high quality zero delay video compatible with existing Teradek receivers to keep the focus puller happy and robust RF performance to keep everyone else happy.





KEY FEATURES



**Single HD-SDI BNC
Video Input**



6-17v power input



**Analogue or
embedded audio
input and output**



**Exceptional long
range RF
capabilities**



**Non line-of-site
transmission**



Sub 1 frame delay



**ANC Metadata
pass through**



**128bit AES
Encryption**



**Standard V-Mount
for easy and
secure rigging**



**Specialist vehicle
mounts**



**Unlimited
simultaneous
receivers**



**Air to ground
capability**



**Multi-hop
repeater capable**



RECEIVER OPTIONS

- Handheld / Directors monitor options
- Rack mounted receiver with independent down converters for exceptional RF coverage
- High Gain and Directional Antennas
- Compatible with Teradek sidekick and other Teradek receivers





RF solutions



TECH DETAILS

- Video Input **Single HD/3G-SDI BNC**
- Video Formats **1080p 23.98/24/25/29.97/30/50/59.94/60**
1080psf 23.98/24/25/29.97/30
1080i 50/59.94/60
720p 50/59.94/60
- Power Input **12v (6v-17v) 4 way 0B Lemo**
- Power Consumption **Typically 18-20W**
- Audio Input: **Balanced analogue stereo pair via Lemo 5 way 0B or embedded SDI**
- Audio Analogue Phantom Power **Off, 12V or 48V selectable**
- Audio Sample Rate **32kHz, 48kHz**
- ANC **Full ancillary metadata passthrough including timecode, and start/stop flags***
- Frequency Range **2.0-2.5 GHz / 5.19- 5.795 GHz**
- Frequency Bandwidth **2G - 8MHz, 5G - 40MHz**
- Modulation **2G COFDM / DVB-T**
- RF output **SMA 100mW (Optional 1W external amplifier)**
- Operating temperature **-10 to +40 °C**
- Weight **TBC**
- Dimensions **75x45x98mm**

*for a current list of supported cameras please contact us.

EAGLE

Website: cineark.net | e-mail: info@cineark.net