EAGLECAM
TAKES TO THE SKIES

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Creating new Perspectives

Whether for professional productions,
animal studies or extreme sports, the
EagleCam Technology opens up entirely
new possibilities to use digital cameras
and to create images.

Camera Designed for the Golden Eagle

EagleCam has a separate camera head and
body, is extremely lightweight, and was
designed specifically for the anatomy of the
Golden Eagle.
Mounted in different positions and angles,
the miniaturized camera head is able to
catch all the aspects of the animal's specific
behavior.
This camera fits perfectly to the predator's
physique and is able to create new perspec-
tives and never seen images of the eagle in
his natural environment.

EagleCam is a flexible camera system with
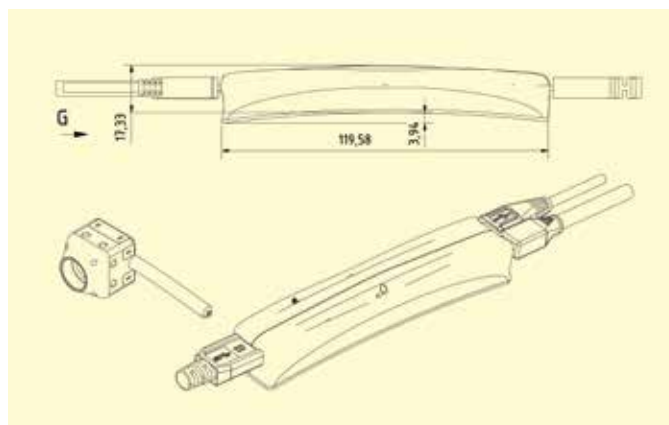stunning image quality and an easy-to-use
Android operating system.

Technology

EagleCam is a highly integrated and flexible
embedded imaging system. Based on
a high-end system-on-chip design with
integrated Dual-Core ARM Cortex-A9
processor, a powerful graphics processing
unit and a high-quality h.264 compression
unit, EagleCam is far more than just a
camera. The system is equipped with WiFi,
Bluetooth, on-the-go USB OTG, HDMI
and several environmental sensors, making
EagleCam a small and smart device.
Using Android as the cameras operating
system makes the design even more
flexible. A special camera App designed
for professional use provides image
adjustments like manual and automatic

white balance, detail filter and user defined gamma settings.
Image statistics like histogram and vector-scope are calculated and displayed in real time and directly integrated in the camera App.

Image Sensor	1/3" CMOS, native HD
Frame Rates	25, 30fps
Recording	h.264, High Profile Level 4.1 VBR, CBR 1 – 40Mbit/s
Format	.ts, .mp4, .gp3
Image Processing	Manual/Automatic White Balance Manual/ Automatic Exposure Gamma (linear, rec709, user defined) Detail Filter Saturation
Audio	Integrated Microphone
Wireless	WiFi (802.11a/b/g/n), BT2.1 + 4.0/BLE
Sensors	Gyro, Magnetic Compass, Air Pressure
Connectors	HDMI USB OTG Custom Camera Head Connector SD-Card
Operating System	Android
Lens Mount	M12
Battery	Lithium-ion, 1000mAh
Weight	70g
Dimensions	120 x 25 x 25mm

For more information, please visit:
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