A New Focus.

MARK IV HIGHLIGHTS
- Upgraded Helmet Design
- Stunning No-Distortion Optics
- Refactored Lighting System
- State-of-the-Art Power System
- Better Operational Design

UPGRADED EVERYTHING
We reviewed every single component and made engineering improvements where possible.

STREAMLINED OPERATION
We listened to your feedback. Operate this system with best-in-class ease.

THE BEST AVAILABLE COMPONENTS
Industry-leading power system

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Blue with Envy.

**Enlarged Thumb Screws**
An increase in the size of the adjustment thumbscrews allows quick and easy fitting.

**Slim Cam** Reduced Profile
We've reduced the vertical footprint of our camera to reduce distraction and weight.

**Click-In-Place Mounting Blocks**
Ensure 100% consistency during capture with our clever click-in-place edge in the block. This means you'll put the mount on the ball joint in the same place every time.

**New Bar Design**
Our bars are re-positioned for optimal comfort, stability, and out of performer eyelines.

**Side Burn** Stability Upgrade
Built-in side burn pieces have been added to the helmet for increased lateral stability and comfort.
99% of the World’s Heads.

A collaborative and data-driven approach to engineering.

To design our new helmets, we collaborated with one of the World’s best performance capture helmet manufacturers.

Together, we pulled thousands of subjects from Anthropomorphic head studies and built out head sizing with helmets and pad fitting combinations to overlap to fit the largest possible range of the Worlds’ head population

99% of the World’s Head Population.
Look Familiar?

We tapped into 30 Years of Experience in the fabrication and model-making industry.

Use the same helmets as Weta. Our helmets are cast from woven fiberglass and sanded smooth.

With three helmet sizes, the helmet shell, straps, buckles, padding and fittings allow for accommodation to perfectly fit to the actor’s head shape and size.
THREE SIZES OF HELMET
The entire system includes a small, medium, and large helmet.

INTERCHANGEABLE PADS
Switch from three different thicknesses of interior padding to create the most comfortable and snug fit.

IMPROVED COMFORT
Actors are saying Mark IV is “The most comfortable performance capture helmet I’ve ever worn.”

QUICK RATCHET SYSTEM
One point of adjustment allows quicker fitting as well as the ability to quickly loosen on-set.
VELCRO TABS FOR CABLE ROUTING

Quickly secure any cabling, including audio cables for streamlined and silent operation.

LARGER HAIR PULL-THROUGH

We increased performer comfort and added stability by increasing the size of our hair pull through.
<1 MS WIRELESS OPERATION

We continue to include and support the industry-standard Teradek Bolt wireless video transmitter and receiver units.

ROCK-SOLID RECORDER

The Mark IV System includes the rock-solid AJA KiPro Rack-mounted unit which is controlled via our Shepherd operator software.

CHIN STRAP MOUNTING POINTS

For added safety we’ve embedded chinstrap mounting points. Easily snap on-and-off the included strap.
Goodbye Distortion.
That Looks Better.

Completely Refactored Lighting System.

To leverage better and more even lighting on the face of your performer, we refactored the way in which our LED is positioned in front of the subjects’ face.

The Mark IV features two new full spectrum, highly accurate color temperature LEDs.

Sample images (left) were shot in completely dark room.
37% Reduced Vertical Footprint
MARK III
CAMERA MOUNT

MARK IV
CAMERA MOUNT

BUILT-IN CAMERA PROTECTION
Now the mounting bar naturally protects the camera unit and lens
Smart.

NYLON THREADED LENS SCREW

We’ve changed the lens screw to a Nylon material to prevent damage to threading.
Double the Power. 75% Less Charge Time.

LOCKABLE WITH CHARGE INDICATOR
Several simple features such as locking mechanism with quick-find release and the five-bar LED status lights represent 20% charge for each green bar.

MORE POWER, LESS THAN 1-HOUR CHARGE TIME
We’ve substantially upgraded the power to our system through implementation of an Anton/Bauer® Gold Mount Plate and a Bebob ® A45 Micro Battery.
Get 5/1.5 hours of wireless/wired usage, with a charge time around 1 hour.

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Who are Anton/Bauer and Bebob?

Anton/Bauer® is the pioneering force behind many of the battery technologies that have become industry-standard in the world of broadcast, video and cinema. For 50 years, Anton/Bauer has been the power behind the picture for anyone using a camera to shoot moving images. The Mark IV uses the Anton/Bauer Gold Mount Plate system.

Anton/Bauer: Built for camera operators by camera operators.

Japanese Lithium-Ion. Hand-Crafted in Germany.

Since 1995 Bebob produces camera accessories of the highest quality. Currently tens of thousands Bebob batteries are in use at film and television studios all over the world.

Bebob’s battery factory is today one of the most renowned producers in the film technology industry. The Mark IV uses the Bebob A45 Micro Battery.

Bebob: Virtually unbreakable batteries.
STREAMLINED BREAKOUT CABLEING

Most Mark III RMAIs related to the breakout cable.

Our newly designed single-bundle includes magnetically shielded camera and light power and SDI video in one cord.

NEW BREAKOUT BOX

Reduced and streamlined cabling routing box to ensure less downtime during performance capture.

The Fine Details.
**PERFORMER LIGHT SWITCH**

- Nearly-hidden secondary switch
- For better power economy and use when performer switch is removed.

**SECONDARY LIGHT SWITCH**

- Quick-release port
- Belt-mounted switch has embedded dimmer and easy on/off toggle.

**PERFORMER LIGHT SWITCH PORT**

- Industry-standard power connection.
- Right-angle mount to prevent cable pull-outs.

**MARK IV BREAKOUT BOX**

**PTAP POWER PLUG WITH RIGHT-ANGLE ADAPTER**
What a Relief.

Our #1 RMA issue for the Mark III system was cable pull-outs.

We’ve reinforced or upgraded every connector and added built-in strain relief where necessary.
In Sync.

Shepherd. The Facial Motion Capture Command Center.

Faceware Shepherd is a software application built to help you easily sync, configure, and manage multiple recording decks at the same time.

Shepherd solves the issue of a single operator having to efficiently manage more than one recording device, often a big problem on more complex shoots.

Shepherd’s whole purpose in life is to simplify the management of multiple recording devices.

While Shepherd works with any body capture solution you may additionally enable Shepherd’s Mocap Lync function. This allows your Mark IV systems to be remotely triggered by your Vicon, Xsens, or OptiTrack body capture system.
Mark IV
Wireless Headcam System

EACH SYSTEM INCLUDES

- 1x QC Monitor with Focus Assist $550 Value
- 1x Digital Video Recorder (AJA KiPro Rack) $1,750 Value
- 1x SDI to USB Converter
- 1x Shepherd Annual License $1,019 Value
- 1x Analyzer 3 Studio Plus Annual License $1,499 Value
- 1x Retargeter 5 Studio Plus Annual License $899 Value
- 1x Faceware Studio (Beta) Annual License $2,340 Value
- 1x Teradek Bolt Wireless Tx/Rx w/ Mounts $1,800 Value
- 1x Helmet Set- Small, Medium, Large
- 1x 720/1080p HD-SDI Microcamera w/ 1/3" Panasonic CMOS Chip
- 1x Mark IV 4.3mm lens
- 2x Bebob Batteries & 1x Charger
- Detachable Chin Strap
- 12 Month End-to-End, Hassle-Free Warranty.

ONE SYSTEM

$24,995
PER SYSTEM

TWO SYSTEMS

$22,495
PER SYSTEM

THREE SYSTEMS +

$19,995
PER SYSTEM
Thank you