



The industry's most configurable and innovative shoulder mounting solution for film and digital motion picture cameras.

MANTIS Hand-Held Rig

Features

- Dovetail interface allows quick setup; 20 seconds from tripod to hand held
- Multi axis adjustment allows shoulder pad to conform to any shoulder
- Two axis (rotational) adjustment shoulder pad
- Fore/aft linear adjustment shoulder pad
- Designed specifically for Arriflex style bridge plates (Hybrid, 435, Arricam, Moviecam, Phantom, etc.)
- Utilizes conventional bicycle grips (use ours or bring your own)
- Telescopic and rotating handle extensions
- Handles and extensions use Arriflex compatible rosettes
- Mounting point for ViewFactor Origo remote start/stop button
- Available as a system or a la carte
- RED One owners will need the Element Technica Arri-Style Hybrid Base or similar Arri compatible bridge plate.

The Mantis Handheld Kit is the industry's most configurable and innovative shoulder-mounting solution for film & digital motion picture cameras. It is fully compatible with the RED One, the forthcoming Scarlet and Epic, or any camera equipped with an Arri bridge plate.

The most significant feature of the system is its multi-axis adjustment which provides a variable relationship between the shoulder-pad and the dovetail to accommodate any operator's shoulder angle.

An extremely low-profile 2-axis gimbal connects the shoulder-pad and dovetail allowing fore/aft linear as well as pan/roll adjustments. By simply adjusting the angle, the weight of the camera package can settle into a very stable equilibrium with a level horizon and low CG (Center-of-Gravity) making frame-tips after directional changes a thing of the past.

The Mantis also offsets the pan-axis angle of the shoulder-pad relative to the camera so that the LOS (Line-of-Sight) of both operator and camera become perfectly parallel,

MANTIS Hand-Held Rig (con't)

eliminating neck and torso twisting or side-stepping. The adjustments are so easy they can be tweaked in between takes. And you can go from tripod to handheld in just 20 seconds.

Element Technica's handheld rig uses standard bicycle-style grips on rosette mounted handles. These include a home for the ViewFactor Origo remote start/stop button and are connected to the rosette cross bar with telescopic handle extensions that come in two size ranges: (Large) 8" to 14" or (Small) 4" to 7.5" in length.

The cross bar at the front of the dovetail is adjustable side-to-side as well as rotationally and the clamp that holds it in place can support a fully loaded ArriCam with 1000' of film and a 5:1 zoom. For those who prefer a more traditional

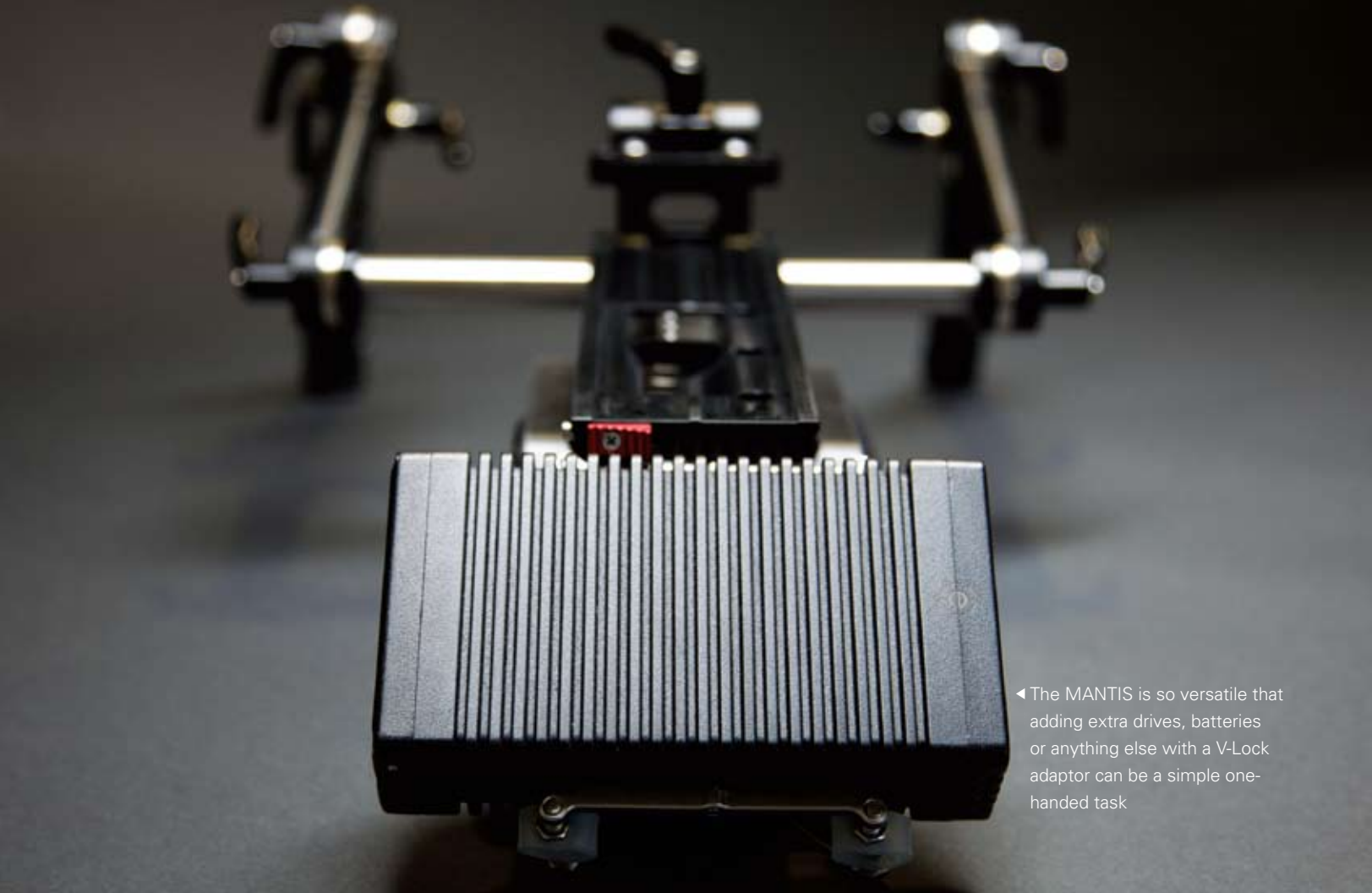
approach, the rosette cross bar and clamp can be quickly removed from the dovetail and attached to a universal mount on the iris rods.

To the rear of the shoulder pad on the Mantis is a great mounting point for a RED Drive equipped with the Element Drive Shock Mount, the RED Battery Plate, equipped with the Element Battery Interface Plate with V-Lock, or any accessory that utilizes a Male V-Lock. Having an accessory mounted on the rear of the Shoulder Pad Mount brings the center of gravity further down and toward the rear of the camera. This makes the camera much less front heavy.

Mantis is designed specifically for Arriflex-style bridge plates (435, Arricam, Moviecam, Phantom, etc.) and is available as a system or a la carte.



◀ Even in between takes, the MANTIS is comfortable enough to have a casual conversation and not feel the need to put the rig down.



◀ The MANTIS is so versatile that adding extra drives, batteries or anything else with a V-Lock adaptor can be a simple one-handed task

MANTIS Hand-Held Products

EVF Tube Mount

The Element EVF Tube Mount is an integral part of the Element EVF mounting system. It can be mounted to Element or RED Top Mounts, the Element Cheeseplate, and the new Element Mantis hand-held rig.

Attaching it directly to the top of the Mantis hand-held rig allows the EVF to be mounted in a lower position. This configuration for the EVF is more comfortable for some operators. Using the tube mount directly attached to the Mantis does not allow the use of bridge plate iris rods, but it is perfect when the Mantis is mounted directly to the Red. To use bridge plate rods, it is necessary to add a 3/4 inch riser under the tube mount.

Short Handle Riser

As an alternative to our popular 2" (51mm) risers for the RED Handle and extension, we have introduced a 3/4" (19mm) version. CNC machined from aircraft grade aluminum they place the handle high enough to clear the tubular clamp of our EVF Mount. They also provide additional clearance between the handle and the top of the camera or the top of the Cheeseplate. The kit includes custom stainless steel captive hardware. Once installed, if you ever remove the handle from the camera the risers and hardware will remain attached to the handle.

This riser can also be used in conjunction with the EVF Tube Mount to raise the Tube Mount 3/4 of an inch when attached directly to the Mantis. This will allow use of the Bridge Plate and Iris rods.





◀ V-DOCK mounting is available for just about all of the most popular film accessories commonly attached using standard Velcro®

V-DOCK™ Accessory Mounting

Element Technica's V-DOCK™, is the new professional mounting system designed to replace the messy and insecure practice of using Velcro or gaffer tape to attach camera accessories. V-DOCK is a neat solution for working with film cameras as well as popular digital camera systems, including the RED One.

Compact and user-friendly, this precision mechanical device includes a main assembly featuring a female V-Lock interface and a spring-loaded split

clamp. A separate male V-Lock attaches to accessories to allow fast and easy mounting. The V-DOCK main assembly anchors securely anywhere on a single 15mm or 19mm iris rod. Once in place, it's a simple matter to add any item equipped with the male V-Lock. Thanks to the V-DOCK's convenient quick-release mechanism, removal of accessories takes only seconds.

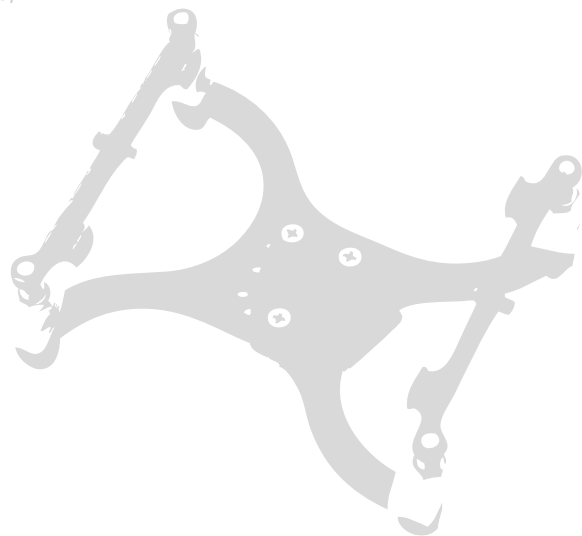
The V-DOCK accessory mounting system is available in 15mm and 19mm models.



V-DOCK Drive Mounting

One popular use of the V-DOCK is for the **Element Technica RED Drive Shock Mount System**. When combined with the ISO-Plate shock mount, it greatly expands the range of shooting conditions for the RED Drive by eliminating dropped frames in many situations where one would normally only use Compact Flash. It is easily converted to a rigid mount for the RED RAM by substituting the individual shocks for stainless fasteners.

The system is available as a **Single, Double, or Triple Drive Mount Kit** depending on the number of drives used. Adding a dedicated ISO-Plate to each of your RED Drives allows quick change-outs in mere seconds instead of minutes. All kits include a 15mm or 19mm V-DOCK and one, two, or three ISO-Plates, depending on kit size.



An alternative to the Single Drive Kit is the **Indie Kit**: It consists of a V-DOCK, ISO-Plate, and thumb screws which allow the user to swap drives without the need of an Allen wrench.



Isolation rings virtually guarantee ► no dropped frames when you're jumping out of a helicopter onto the tarmac with your Mantis firmly planted on your shoulders.

V-DOCK Battery Mounting

Element Technica provides a number of battery mounting solutions at all price points.

IDX- The only true PRO battery mounting solution for the V-Lock type batteries is the Element Technica IDX V-Lock Battery Plate for the RED One. Our version of the IDX plate begins with IDX's basic battery plate which is mated to a custom interface plate that houses two LEMO connectors and one P-Tap; one 6-pin is for RED camera power and one 3-pin split gender LEMO is for 12V accessory power. Both the LEMO and P-Tap accessory power ports are individually fused for 5A. The IDX also boasts the ability to pass battery data to the viewfinder from both RED batteries as well as IDX Elite batteries.

By providing a LEMO connector for camera power the Element Technica IDX plate like most professional power solutions uses a high quality cable to connect the camera to the power source. Now instead of carrying two or three inexpensive battery plates with hard-wired camera power cables, the user carries one high quality battery plate and as many spare power cables as needed to cover contingencies. Like all Element Technica battery solutions the IDX plate is designed to accommodate either the Speedy Clamp, V-DOCK or Universal Mount.

RED Aluminum Battery Interface Plate- For RED One owners using RED's standard battery plate with integrated cable, Element Technica offers an aluminum battery interface plate to replace the 3x heavier stock steel plate.

In addition to having the mounting holes threaded for easier installation, the interface plate provides a simple way to connect the RED battery plate to their choice of Speedy Clamp, V-DOCK or Universal Mount.

Anton Bauer Aluminum Battery Interface Plate- For the AB users trying to power their Red One, ET has an aluminum interface plate for the AB battery plate (with integrated cable) which allows the use of Speedy Clamps*, Universal Mount, or the V-Lock interface.

*The AB batteries can be quite large and heavy so two Speedy Clamps are required.

Nothing's worse than cables ► hard-wired into a "professional" component. Every cable needs connectors...
...on both ends!

Element makes their own custom LEMO power cables in-house and designs the IDX battery plate with a camera-power port rather than a camera power pigtail.

Now if you mess up a cable you pull out the spare cable, not the spare battery plate.





◀ The days of randomly placed strips of Velcro® are slowly coming to an end.

V-DOCK Misc. Mounting

The V-DOCK is a precision mounting system that eliminates uncertain mounting with Velcro or gaffer's tape. It combines a V-Lock and SpeedyClamp to facilitate quick and varied camera configurations.

The system can also be attached directly to the Shoulder Pad Frame on Element's Mantis Handheld Kit. Having an accessory mounted on the rear of the Shoulder Pad Mount brings the center-of-gravity further down and toward the rear of the camera making the whole rig much less front heavy.

With the addition of Element's V-DOCK AJA mounting plate, the V-DOCK system offers a quick and convenient way to install any AJA mini-converter on the camera rig. And V-DOCK is an elegant way to mount the Preston Cinema MDR2 or other popular lens controls.

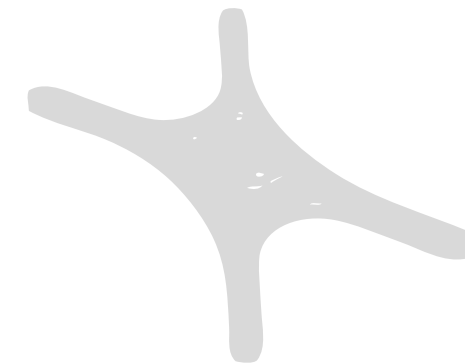
Stay tuned for more V-DOCK mounting accessories to come!

Who wants to mount their brand new Cine-Tape receiver with Velcro?! Instead how about simple, clean, functional V-DOCK support.

What's next? Let us know which items you're tired of attaching to your camera with Velcro and gaffers tape.

Kits available today:

- RED (LCD 5.6 & 7in) Monitor Mount
- Preston MDR2 V-Lock Plate Mount
- AJA V-Lock Plate Mount
- CineTape V-Lock Plate Mount
- Arri UMC 1-3
- cmotion cami



The HYBRID System

The Element Technica Hybrid Bridge Plate is a giant step forward in bridge plate design as it is easily convertible between 15mm Studio, 19mm Studio, 15mm LightWeight, and the Panavision rod standards. Although the Hybrid was developed as an upgrade for the RED One, its modular design makes it compatible with many current cameras from Arri, Sony, SI, and Aaton while setting a new paradigm for future cameras.

By simply switching the clamps on the front and rear of the bridge plate, the Hybrid can be converted between different rod standards. The rod clamps easily slide on to steel pins and are held in place by two 1/4 -20 socket cap screws.

When using primes or a LightWeight

zoom, the front clamps can be used to support accessories such as a matte box and follow focus, and the rear clamps can be used to support other accessories such as drive mounts or battery mounts. And when shooting with larger zoom lenses, both clamps can be employed for maximum rod support. Utilizing both sets of clamps on the Hybrid provides better support for a zoom lens than on previous bridge plates.

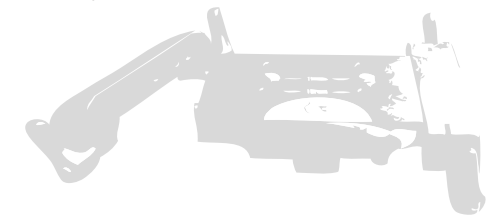
A 15mm LightWeight support clamp can also be attached to the front of a 15mm or 19mm Studio clamp, allowing the use of matte boxes and follow focuses that use the LightWeight standard.

Panavision support is also part of the modular system. The Panavision support bracket allows use of the Panavision Modular Follow Focus and also provides

standard 12V Panavision power outs that face the front of the camera.

The 15/19 Dual Studio Kit replaces both the 15mm and 19mm Arri-Style Base on the RED One and includes the Hybrid Body Core with a pair of both 15mm Studio spacing clamps and 19mm Studio spacing clamps. All three systems can be upgraded at any time to 15mm LightWeight support.

The Hybrid is compatible with all of the Element Technica dovetails, as well as any other Arri-standard dovetail. When used with an Arri camera, a shim plate is required.



The Hybrid IS the new standard. ▶
Converting easily between rod standards has never been easier and Panavision users will find it very satisfying.

Element's Arri / OConnor style dovetail is compatible with its 15mm and 19mm RED bridge plates, the Hybrid system, and all other Arriflex standard bridge plates.



Professional Camera Accessories

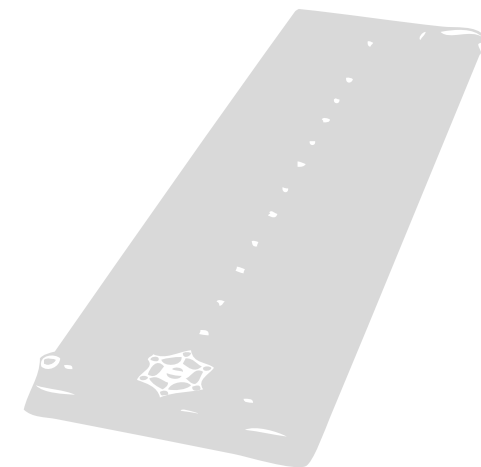
ARRI Dovetail 2060/2575

Element Technica offers an improved version of the Arri standard dovetail with a modified outside edge to match the top of the OConnor fluid head. This feature allows you to eliminate the OConnor Euro quick release plate thereby eliminating two extra interconnects while reducing the stack height and increasing the fore and aft. The dovetail is also compatible with the 2060/2575/120EX and the Sachtler Cine 30 head.

ARRI Dovetail 1030

Element offers the same convenience the film industry has come to expect with the larger OConnor heads in a new combination dovetail for the 1030 series of heads. The Arri / OConnor 1030 dovetail replaces the large and mini Euro QR plates with a dovetail top plate with the Arri standard machined into the same piece. It offers more flexibility in terms of balance adjustment as well as greater mounting security.

Our 1030 series of dovetails are compatible with standard quick release plates for other heads such as Miller, Sachtler, Cartoni or even other non-1030 OConnors.





Professional Camera Accessories (con't)

Ultra-Light Ultra-Strong Ultra-Durable Ultra Rods

Element Technica has developed a unique, low-cost solution for weight conscious hand-held shooters. Our Ultra-Light iris rods are made from seamless extruded aircraft grade aluminum. They are precision ground then finished with a durable nickel plating. The result is an iris rod with the low weight of aluminum but the surface durability and ease of operation of stainless steel. While they are strong enough for most zooms they weigh in at one third the weight of stainless. Competitively priced with standard stainless rods but a lot easier to carry around.

Weight Comparison:

- 15mm Stainless, 12" length - 240 grams
- 15mm Ultra Rods, 12" length - 85 grams

Element Rods are available in both 15mm and 19mm sizes in 3", 6", 8", 12", 15", 18" and 24" lengths.

UltraLite 15

The Element Technica UltraLite 15mm clamp allows for use of the 15mm LightWeight Arriflex rod standard on the Red, even when a bridge plate is not being used. The UltraLite Clamp is precision machined from a solid block of aircraft grade aluminum and bolts directly to the front of the RED using 4 x 3mm screws that replace the stock body screws. It features two 15mm rod clamps that will work with any standard 15mm rod including Element Technica Ultra Rods. The UltraLite Clamp is great for use on Steadicams, hand-held, and even in studio mode when the 15mm LightWeight rod standard is required.

Professional Camera Accessories (con't)

Panavision Parts

While most RED owners are content to have their R1 fully ARRI compatible, for the hardcore Panavision shooters this just won't do. Element Technica has created a complement of Panavision compatible accessories that allow your R1 to utilize nearly every bit of Panavision's system.

The Panavision Stainless Lens Mount is sleek, ergonomic and RED approved. This high quality stainless mount is easily installed and its thermal stability helps back focus stay constant. The Panavision Lens Mount is compatible with all Panavision spherical and anamorphic optics.

Panavision zooms require additional support and Element Technica's Panavision kit for the Hybrid system provides side mounted 5/8" iris rods for

native Panavision matte box and lens support. The iris rod mount even includes Panavision accessory power ports X5 with 3 pin split-gender Lemo connectors. The Panavision Kit also provides a mechanical interface for Panavision's modular follow focus so nearly all the accessories in a Millenium or Genesis body case work seamlessly with the R1.



Element understands that ▲ once you go Panavision, it's hard to go to anything else.

Professional Camera Accessories (con't)

Video Break-Out Box

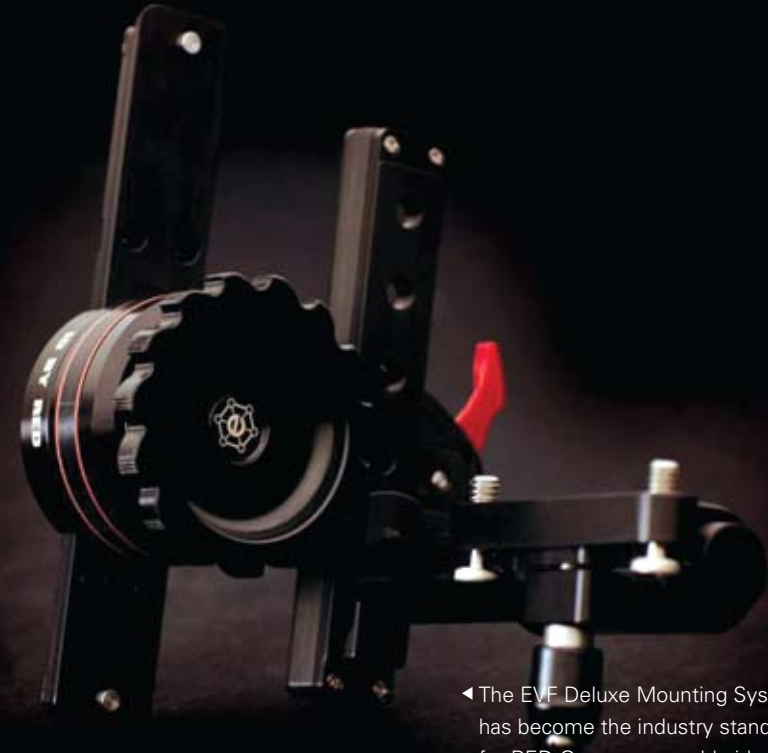
Element Technica's Video Break-Out Box converts the RED One's mini-coax connectors to industry standard HD-SDI BNC connectors in a tough, securely mounted package. It is low-profile and routes video to the rear and gen-lock toward the bottom, while taking the stress off the camera's connectors. The chromed knob at the center of the unit actuates the four push/pull locking connectors simultaneously for easy installation and removal. The camera-hugging tab at the bottom utilizes one of the camera body's mounting holes for added security.

The Video Break-Out Box is designed to remain installed until the user needs to access the original connectors. It was not conceived as a macro connector for the 4 signals. The stock connectors are high

quality and high bandwidth commercial RF connectors. They are typically chosen when signal integrity and space are guiding requirements and they are designed to survive at least 500 mating cycles just like most HD-SDI BNC connectors. This unit makes it possible to eat up the available mating cycles on an easily (and inexpensively) repaired component rather than on the camera itself. The right side of the camera has a huge amount of Input/Output (I/O) going on. The current configuration makes the camera as slim as is physically possible while still offering the I/O options.

Element Technica's Video Break-Out box converts the RED One's mini-coax connectors to industry standard HD-SDI BNC connectors in a tough, securely mounted package. Once you put it on, you'll never take it off.





◀ The EVF Deluxe Mounting System has become the industry standard for RED One users worldwide. A hands-down, must have for any RED One Camera Rig.

EVF Mount

It provides a secure interface, capable of attaching to a variety of points on the camera body or even to other accessories, allowing 4" of vertical and 6" of telescoping adjustment along the viewfinder axis. The system's rugged, smooth-turning clutch lets the viewfinder be tilted to any angle. Once positioned, the cine-style clutch holds the EVF securely in place, regardless of the shooting conditions. What's more, it can be converted from left to right eye – or moved to the right side of the camera in seconds. All adjustments, including clutch drag, are tool free for quick set-up even on the go.

NOTE: Element's Handle Risers are required when using the ET Tube Mount in conjunction with the Red Handle Extension, however no risers are necessary when using it with the Red Handle.

Professional Camera Accessories (con't)

EVF Mount Extension

The EVF Mount Extension is a companion product for Element's popular EVF Mounting System, which finally adds gear head and dolly functionality. Attached to the system, this handy accessory lengthens the distance between the clutch and the viewfinder. This lets the EVF maintain a constant tilt angle even during extreme tilting of the camera system. Installation is fast and tool free. It works with Arri's telescopic leveling rod as well as Element Technica's own EVF EyePiece Leveler.

NOTE: The Element Technica EVF mount is required in order to use the EyePiece Extension.

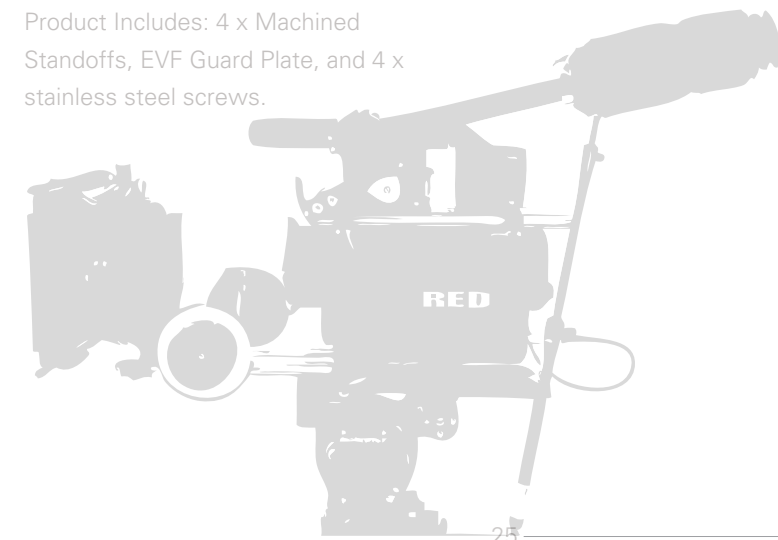
EVF Guard

The easy-to-install EVF Button Guard protects against accidental operation of the RED One viewfinder's buttons and rotary dial without hampering their regular use. As with all Element Technica products, it is precision machined from aircraft-grade, anodized aluminum.

Product Includes: 4 x Machined Standoffs, EVF Guard Plate, and 4 x stainless steel screws.

EVF EyePiece Leveler

Element's telescopic EVF EyePiece Leveler integrates elegantly with the EVF Mount Extension. The Leveler's final telescoping stage is made of top-grade stainless steel to resist bending. It too is compatible with Arri viewfinder systems.



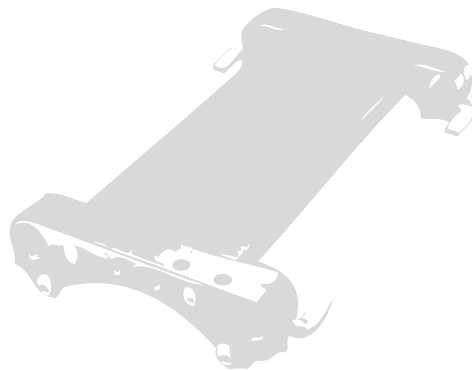
Professional Camera Accessories (con't)

Top Cheeseplate

The Element topside Cheeseplate is designed to span the gap between the front and rear top rod mounts. As its name implies it is covered in holes, both 1/4-20 and 3/8-16. The 1/4-20 holes utilize the same spacing as RED's top mounts. The 3/8-16 holes are on Arri spacing and run along the top and sides of the plate. It is compatible with both the 19mm top rod mounts from RED as well as the 15mm top rod mounts from Element and is a must have for low-mode Steadicam operation. Our Cheeseplate has been tested with low-mode plates from Tiffen, PRO and Greg Bubb.

Topside Combo

When two 15mm top mounts are sold with our Cheeseplate we refer to this as a Topside Combo. These products together give you 15mm iris rod mounting while making a round camera flat. You also get the functionality of 1/4-20 threaded holes at RED spacing interspersed with 3/8-16 threaded holes at Arri spacing along the top.



Handle Riser

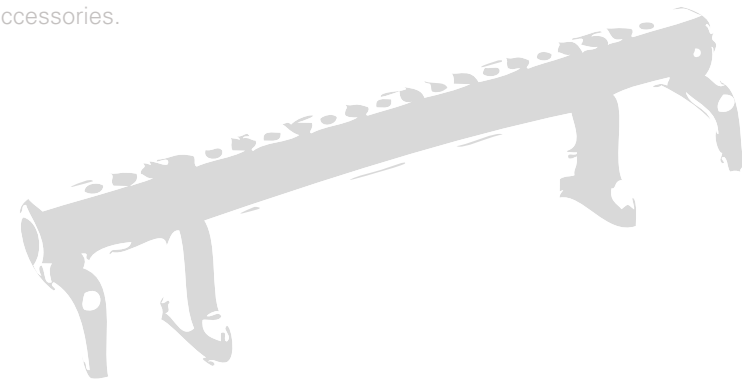
The Element Technica Handle Risers have several purposes; the handle risers place the RED handle two inches higher, in a position similar to the Arri 435 and the Panavision® Hollywood handle. They also allow the user to get a more comfortable grip on the handle when using the Element Cheeseplate. When the Element EVF tube mount is being used, the Handle Risers are required for using the RED Handle Extension. The Red Handle, however, can be used with the tube mount, without the need for risers. They are precision machined from aircraft grade aluminum and come with captive hardware that won't fall out when they are removed from the camera.

Professional Camera Accessories (con't)

CheeseStick

The Element Technica CheeseStick is a top handle designed for the RED One Camera. It is precision machined from aircraft grade aluminum and attaches to Element Technica 15mm Top Mounts, or RED 19mm Top Mounts. The CheeseStick has 1/4-20 and 3/8-16 holes running along the top, bottom, left, and right side to allow for mounting accessories, as well as providing mounting options for the camera itself. It also provides 2 inches of clearance between the bottom of the handle and the Cheeseplate to allow for a comfortable grip while carrying.

The CheeseStick also features tubular clamps on both ends that can clamp onto a rod or any other accessory that has a 15mm or 19mm outer diameter. Each CheeseStick comes with two 19mm to 15mm captive bushings that allow the clamps to be used with 15mm accessories with the bushing, and 19mm accessories without the bushing. This would allow for mounting lens drive motors, monitor quick release spuds, and a number of other accessories.



Professional Camera Accessories (con't)

Red One Raincover

The Element Technica RED Raincover is designed by Burket Camera AKS. It was designed from the ground up for use with the RED and is constructed primarily of vinyl-coated polyester along with coated nylon and neoprene. The primary seams on the cover are radio frequency welded, reducing the amount of stitch holes that water can pass through and strengthening the seams themselves. The cover is primarily light grey in color to reflect light and reduce the amount of heat that could build up inside the cover. There are clear windows for viewing the lens, and the menu panel on the back of the camera. Waterproof zippers are welded into the cover allowing access to the CF card port, the menu panel on the back of the camera, and the connectors on the side of the camera. The front of the cover is lined with hook Velcro to

mate to the front of a matte box and also features a zipper so that longer cover extensions can be used for longer zooms including the Optimo 24-290. Purchasing a separate cover for zooms and primes is no longer necessary.

The cover features clasps that connect under the camera to keep the cover fitting snugly in adverse weather conditions. The bottom of the cover is mostly kept open to allow air to flow freely through the vents of the camera.

On top of the cover there is a handle pouch to allow the user to grip the Element CheeseStick or RED Handle while using the cover. The front of this pouch opens using a Velcro sandwich to allow cables and monitor arms to pass through it. The cover also allows for use of the Element EVF Mount and EVF

Extension. There are three neoprene washers sewn in place; one is on the side of the cover to allow use of the EVF Mount, and the other two are on top of the cover to allow for additional mounting options for the monitor and accessory arms. To use these neoprene washers as access points, open the flap and poke a small hole in the neoprene washer. Slide the EVF tube mount or monitor arm through it and the neoprene will fit snugly around it.

The package includes a separate cover for the RED 5.6 and 7in. LCD and RED EVF that also feature welded seams. Simply slide it over the top of the monitor and Velcro closes it on the bottom. It ships with a piece of Non-Glare Plexiglas for comfortable viewing.

The RED EVF cover easily slips over the EVF with the Element EVF mount already installed. It features an elastic strip to fit snugly around the EyePiece and a clear window over the controls to see which button is being pressed. Use of the Element EVF guard is suggested to prevent accidental activation of the EVF controls.





Beamsplitter and Parallel Stereoscopic Rigs



Understanding that the choices for renting 3D gear are often expensive and include prototype equipment, specialized crews and a rigid post path, Element Technica has created a more sophisticated set of 3D tools that are, “as simple to use as most modern 2D camera systems,” explains Stephen Pizzo who with partner Hector Ortega are co-founders of the Los Angeles-based company. “We want to make it possible

for any filmmaker to create 3D content using their regular 2D crew.”

The firm has built both beamsplitter and parallel configured camera platforms to accommodate cameras from the miniscule Iconix or S1-2K to full-sized digital imagers like the RED or Sony 1500s. These systems represent the first of a new generation of 3D imaging tools with fully embedded control electronics. Most systems will accommodate zoom lenses and offer synchronous control of focus, iris and zoom with the embedded electronics. The beamsplitter and parallel systems share the same basic mechanism and electronics for intraocular and convergence as well as the same user interface. Element Technica is developing a series of intuitive hardware/software tools to automate stereo calculation. These tools, available as add-

in modules for the core systems, enable the director or DP to intuitively control how much or how little the subject comes off of the screen without requiring complex IO and convergence calculation techniques.

During work with cinematographer Geoff Boyle on *Dark Country*, the company developed a completely new mechanical arrangement for the cameras that allowed them “to lose 50 percent of the mass and almost 40 percent of the volume,” Pizzo explains. “Production was able to squeeze the rig into the *Alien Revolution* and place it on a Steadicam. The basic mechanical structure turned out to be scalable and became the basic design for all of our beamsplitter rigs for everything from the Iconix on up to full-size cameras like RED.”

- ICG Magazine

Beamsplitter and Parallel Stereoscopic Rigs - Where We Are Now

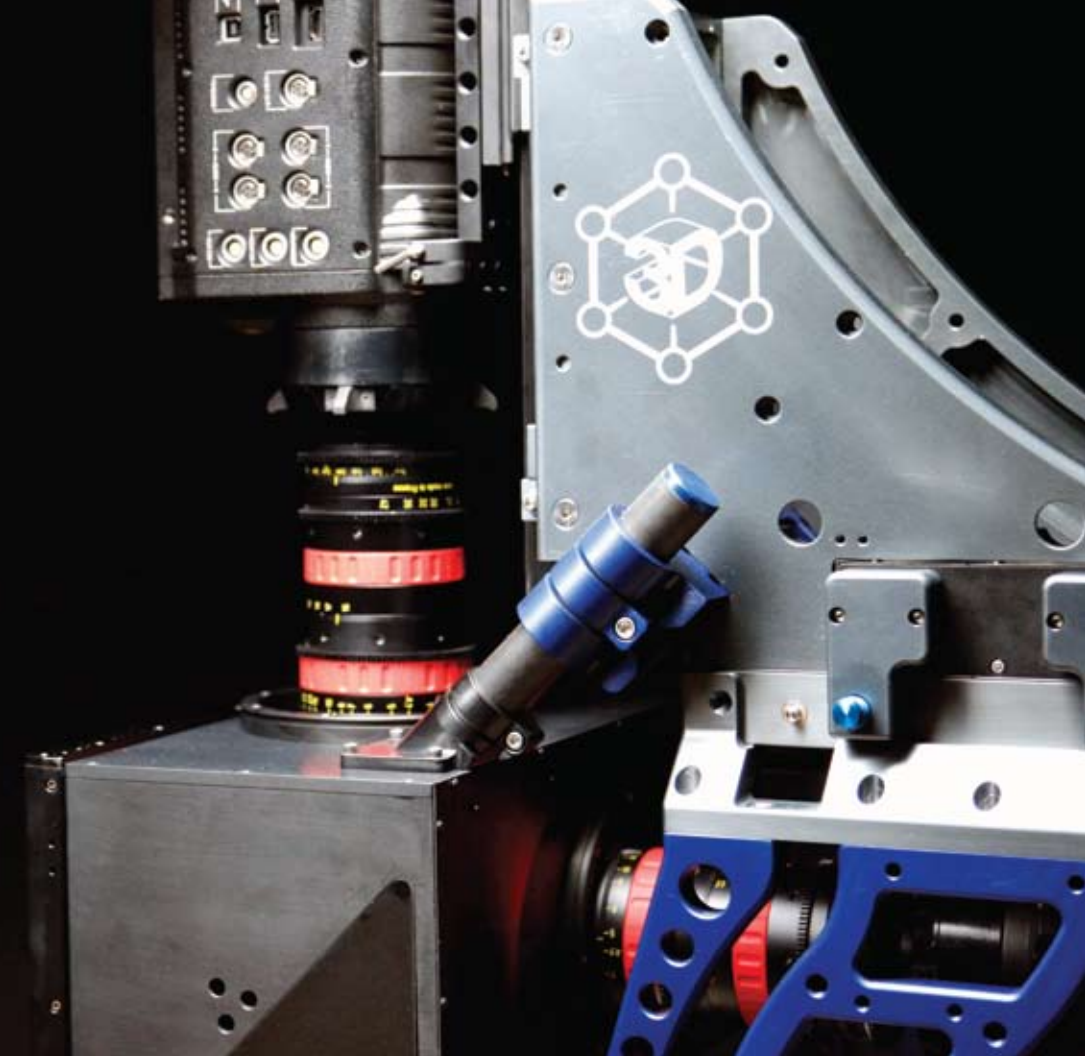
During this past summer we deployed 3 camera agnostic prototype beamsplitter and parallel rigs to test against the rigors of production. They saw a lot of action on everything from multi-city / multi-day music festivals to the wilds of Alaska. They were rigged onto off-road vehicles, boats and cranes and saw all types of weather from searing heat to torrential rain. Through all this one thing was constant: the alignment as defined during the prep never needed adjustment.

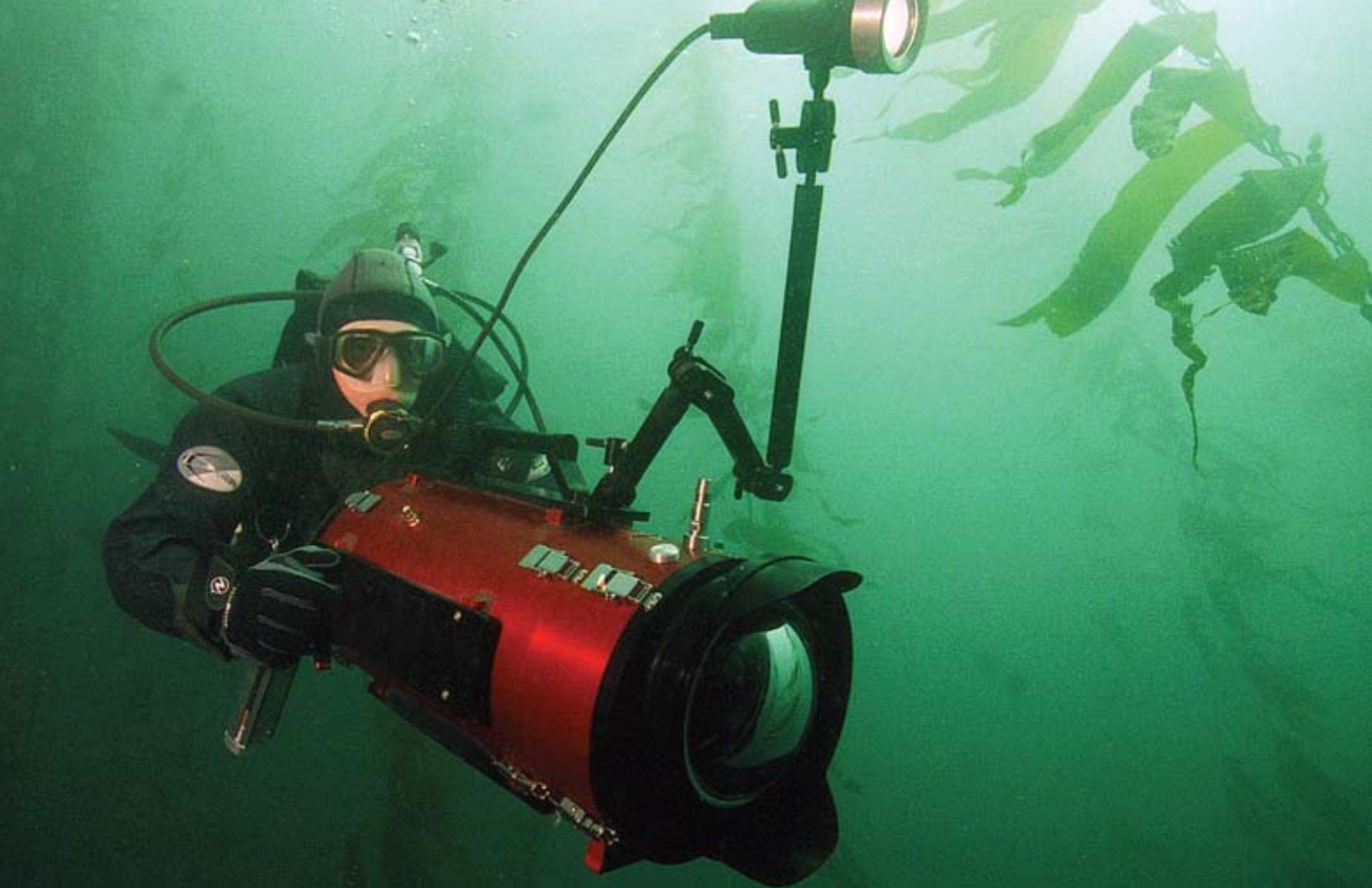
Today we are deploying a fleet of production units based on our experiences with the prototypes plus feedback and input generated by our beta testers. One of the most significant differences is the ease with which the two cameras can be aligned to one another. Camera and lens alignment, which has traditionally taken hours, has

been reduced to minutes due to the advanced alignment mechanism found in the production version of the Quasar full-sized 3D camera platform. Another advanced feature is integrated high torque motors and electronics along with wired/wireless remote hand-unit to precisely control I.O. & Conv. (Interocular and Convergence).

The Quasar's modularity allows it to be configured as either a beamsplitter system for close work with wide lenses or alternately set up as a converging side-by-side system for use at live broadcast events with extreme focal lengths. For the first time the precision and refinement of a beamsplitter system is offered in a parallel rig utilizing the same electro-mechanical components and same user interface.

While all of the Technica 3D systems will eventually be offered for sale, they will initially be available only for rent in an effort to offer early adopters the highest level of support. These systems will be available Q4 2009 through rental houses in major film/broadcast markets beginning with Keslow Camera in Los Angeles and Offhollywood in New York. Other locations in Europe and Asia will be announced throughout Q4 2009 and Q1 2010. Following the footsteps of the Quasar is the Pulsar, Technica 3D's medium-sized system followed by the smallest rig in the series, the Neutron. The Pulsar and Neutron, released later in Q4 2009, will share many of the Quasar's advanced feature set including integrated electronics and the ability to convert from beamsplitter to parallel.





Underwater Housings



Features

- Setup for ultra primes
- Start/stop control
- Iris and focus control
- Clear port for RED monitor viewing
- Dome port for taking lens
- Machined aluminum housing for deep water use
- Ergonomic handles

The Torpedo from Element Technica makes shooting 4K at 100 meters BSL almost as easy as terrestrial photography. The cylindrical construction is extremely strong and makes it a great swimmer. The user configurable pistol-grip handles on left and right sides make it easy to hang on to and maneuver so you can concentrate on getting the shot. Through-body mechanical controls for both iris and focus have the precision feel of the finest follow focus. Standard SDI signals are passed through the housing for cabling out to any external monitor while the RED One LCD signal is passed from the camera housing into a matching monitor housing designed specifically for the R1 LCD. The housing is designed for use with Arri Ultra Primes from the 8R through to the 32mm. The compact design also provides space and mounting interfaces for both R1 drives and an R1

battery. It is neutrally buoyant and the custom tungsten weights can be quickly repositioned to precisely trim non-standard configurations. Available with both dome and flat ports.





MICRON DSLR and HDV Accessories



Element Technica brings professional camera support functionality to the new breed of video enabled DSLR cameras with the Micron line of accessories. The foundation of the Micron is an Arri-Styled sliding bridge plate based on the 15mm Lightweight rod standard originally developed for 16mm camera accessories. Complementing the new bridge plate is a matching dovetail plate in 9" and

12" lengths providing plenty of fore/aft balance travel for the shifting center of gravity as accessories are added and removed. The new Micron Dovetail has plenty of 1/4-20 and 3/8-16 holes along the center making it compatible with all sizes of film and video fluid heads.

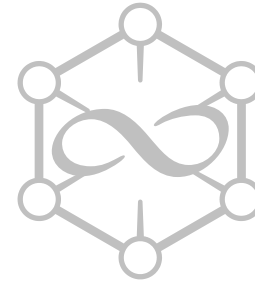
The Micron line also includes a series of riser plates for most popular HDV and DSLR cameras that place the 15mm iris rod centers precisely 85mm below the optical center. By adhering to this standard most of the user's existing LW15 accessories like FF (follow focus) and MB (matte box) can be used. Those without older 16mm or video style accessories can take advantage of the upcoming Micron Matte Box and Micron Follow Focus based on the same standard.

Another essential element of the Micron Line is a new handle system which shares the utility and sturdiness of the popular Element Technica CheeseStick with the additional feature of nearly unlimited configurability. The handle components also provide a secure method of mounting a pair of iris rods over the optical center so your existing V-DOCK components are just as useful with the smaller cameras as they have been with the RED.

Finally, the Micron line is rounded out by a LW15 version of our new Universal Mounting system for native LW15 zoom lens support or accessory mounting in a fast, simple, cam-actuated QR (quick release) system.



Universal Mounting System



Element Technica has been helping wear camera owners off of their vicious Velcro addiction with the V-DOCK accessory mounting system. Now they've upped the ante with the ultimate accessory mounting system for large heavy accessories and zoom lenses with the Element Technica Universal Mount. The foundation is a QR (quick release) cam-actuated mounting bracket that spans two iris rods with a vise-like grip. In the lens configuration, users will find the most convenient, fast locking lens support that boasts the most vertical and horizontal adjustment of any lens support available today. The general accessory version has a T-shaped profile along the top surface for adding a mini cheeseplate or mini dovetail (female) to allow interfacing with all sorts of bits and pieces that make up your camera kit. The Element Technica Universal

Mounting System introduces a new level of modularity and configurability to today's cameras and leads the way for tomorrow's.

The Universal Mounting System is being offered in 19mm Studio, 15mm Studio as well as Lightweight 15mm (LW15) as part of the Micron System.



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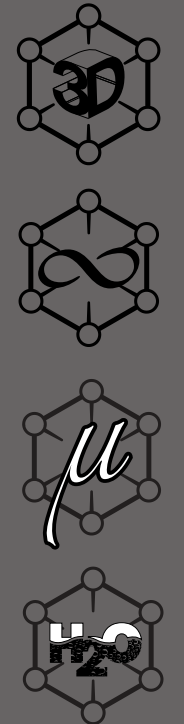
Camera Accessories



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OTHER

PRODUCT LINES



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