



ELLTECH

**UCS SERIES RIFLE SCOPE
MANUAL**



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BY OPTICS WAREHOUSE

With over 50 years of Shooting Optics knowledge and experience in the UK and European market, we, Optics Warehouse, have tried and tested a multitude of Optics throughout the decades to see what works, what does not, and what is missing. It was the latter that got us thinking and with this, ELLTECH was born.

We want a world where every Shooter, Hunter and Outdoor Enthusiast is be able to own the finest equipment without cost being a factor. That is what ELLTECH is here to do.

Thank you for choosing ELLTECH. Now embrace and own the power and performance ELLTECH has to offer.

With the arrival of Bullpup, AR-based compact Air Rifles in recent years, the demand for compact optics has followed. With this in mind, the ELLTECH team have sought out an optic that not only offers superb value for money but fits the role of a compact Rifle Scope perfectly

The ELLTECH Ultra-Compact Scope Series (UCS) comes in the ever-growing in popularity First Focal Plane format, this allows the shooter to utilise the FFP Mil based reticle and 0.1 MRAD clicks to make precise holdovers and windage corrections on all magnifications. To keep the range simple and to offer two price points we have decided to run with a non-illuminated 4-16x44 FFP and an FFP illuminated 6-24x44 for those who like to use high magnification when out in the field.

The UCS 4-16x44 FFP comes in a non-illuminated FFP MR1 reticle which is a basic milling style reticle that will provide sufficient elevation and windage holds offs without obstructing the shooter's FOV. The UCS 6-24x44 FFP illuminated comes with the MR1X reticle; a fine FFP milling reticle that has added windage hold off dots in the lower quadrants of the reticle to allow for quick target acquisition when in the field.

Both the UCS 4-16x44 and UCS 6-24x44 offer a standard eye relief yet measure only 270mm and 297mm in length making them one of the most



compact FFP Rifle Scopes currently on the market. This compact and lightweight design helps to make them a superb partner for rifles like the EDgun Leshiy, FX Wildcat and Weihrauch HW100 to name just a few. Both UCS models come down to 10 yards and feature a simple pull up/push down locking turret system to eliminate the issue of turret movement when transporting your rifle in and out of the field.

We have also included within this package a pair of 30mm Scope Rings and a 30mm Picatinny Accessory Mount, a pair of Flip-Up Caps, a Honeycomb Shade and a Cleaning Cloth.

We believe at ELLTECH you should be able to get shooting straight out of the box and have all the extras so you are never left short in the field.

CONTENTS

- UCS Rifle Scope
- 30mm Scope Rings
- 30mm Picatinny Accessory Mount
- Flip-Up Lens Caps
- Honeycomb Shade
- Cleaning Cloth
- User Manual

SPECIFICATION

	4-16x44	6-24x44
Magnification:	4-16x	6-24x
Objective Lens Dia:	44mm	44mm
Ocular Lens Dia:	33mm	33mm
Ocular Lens Length:	35mm	35mm
Exit Pupil:	11-2.75mm	7.3-1.8mm
Optics Coating:	Fully-multi coated	Fully-multi coated
Field of View:	26.2-6.55 feet@ 100 yds	17.5-4.3 feet@ 100 yds
Field of View:	5-1.25°	-
Eye Relief:	90-85mm (3.5-3.4")	90-85mm (3.5-3.4")
Length:	270mm / 10.6"	297mm / 11.7"
Weight:	530g / 18.7oz	585g / 20.6oz
Tube Dia:	30mm Monotube	30mm Monotube

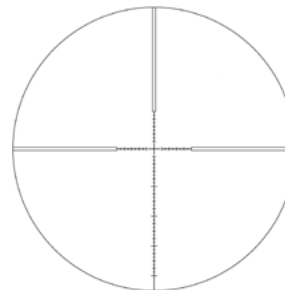


Click Value:	1/10MIL, 1cm	1/10MIL, 1cm
Elevation Range:	17.5MIL	14.5MIL
Windage Range:	17.5MIL	14.5MIL
Parallax Adjustment:	10 Yards to infinity	10 Yards to infinity
Reticle:	MR1	MR1X
Finish:	Black Matte	Black Matte
Illumination:	No	6 Intensity Levels
Distance between the objective lens and middle turret:	40mm (1.6 inches)	50mm (2.0 inches)
Length of middle turret:	37mm (1.4 inches)	37mm (1.4 inches)
Distance between middle turret to the power ring:	32mm (1.3 inches)	30mm (1.2 inches)
Shock tested to:	750g	750g
Waterproof:	1m	1m
Nitrogen purged:	Yes	Yes
Turret Lock System:	Push Down to Lock	Push Down to Lock

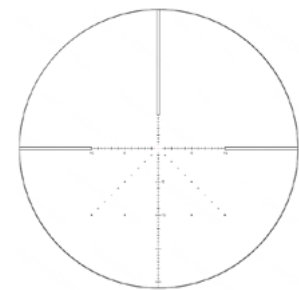
Material:	6061 T6 aircraft grade aluminium	6061 T6 aircraft grade aluminium
Focus marks:	10, 15, 25, 50, 100, 200 and Infinite	10, 15, 25, 50, 100, 200 and Infinite
Diopter compensation from the fast-focus eyepiece:	+2 to -2	+2 to -2

RETICLES

MR1



MR1X



INSTRUCTIONS FOR USE

EYEPIECE FOCUSING

The eyepiece is designed to provide a precise fast focus at certain eye relief. The eyepiece will focus faster than your eye can compensate for any inaccuracy in your adjustment.

MOUNTING

The scope is installed on the gun by means of a pair of the weaver or dovetail mount rings. Use a qualified mount with a base designed to fit your particular rifle. The scope shall be mounted as low as possible without touching either the barrel or the receiver. For safety reasons, allow at least 3 inches of clearance between the scope and your eyes when shooting.

Slide scope forward or backward to acquire the proper eye relief that allows you to see the full field of view. Rotate the scope in the rings that the vertical crosshair is vertical and the horizontal crosshair is horizontal. Then tighten all screws to fix the scope firmly on the rifle.

Don't exceed 16 inches/pounds of torque on the ring's screws.

ZEROING

The UCS scope features finger-adjustable audible click elevation and windage adjustments. The

elevation is the vertical (up-and-down) adjustment, usually on the top of the scope. Windage is the horizontal (left-to-right) adjustment, usually on the right of the scope. The scope feature 1/10 Mil windage and elevation adjustment with audible clicks, meaning that 1 click moves the point of impact ::::1/10 MIL at 100 yards.

With the scope mounted, rest the firearm onto a solid support and aim at a target 100 yards away. Slowly shoot a small 3 to 5 round test group onto your target. Adjust windage and elevation screws in the direction you want to move the bullet impact. Each click of adjustment moves the point of impact. Shoot another 3 to 5 round test group. Repeat until you are satisfied with the point of aim.

TURNING ON & ADJUSTING THE BRIGHTNESS LEVEL

Located on the upper of the scope ocular lens, controls the reticle illumination. There are 6 brightness levels red illumination for the UCS scope. Turn the illumination knob switch to activate the scope. The first level is the weakest and the sixth level is the brightest.

SIDE FOCUS PARALLAX CORRECTION

Parallax is a condition that occurs when the image of the target is not focused precisely on the reticle plane. Parallax is visible as an apparent movement between the reticle and the target. This



side-wheel parallax is designed for permission of precise focusing. while simultaneously readjusting the parallax-free distance, for any range from 10 yards to infinity. One can look through the scope and turn the side focus ring until the target, at whatever range, is sharply focused. This feature makes the highly accurate sidewinder range of scopes ideal for both hunting and target purposes.

BATTERY EXCHANGE

Your UCS is illuminated by 1x CR2032 battery. Should the illumination grow dim or not turn on, you will need to exchange the battery. To exchange the battery, use the proper tool to release the battery compartment cover. Remove the used battery, insert the new one. Screw on the cover again.

SEALED, WATERPROOF AND FOGPROOF

The scope is nitrogen-purged to remove any vestige of internal moisture, also has an O-ring to prevent the entry of dust or moisture.

MAINTENANCE

Your scope, though amazingly tough, is a precision instrument that deserves reasonable cautious care.

- When cleaning the lens, first blow away any dirt and dust, or use a soft lens brush. Fingerprints and lubricants can be wiped off with lens tissue, or soft clean cotton cloth, moistened with lens cleaning

fluid.

- All moving parts of the scope are permanently lubricated. Do not try to lubricate them.
- No maintenance is needed on the scope's outer surface, except to occasionally wipe off dirt or fingerprints with a soft doth .
- Use lens covers whenever convenient.

STORAGE

Avoid storing the scope in hot places, such as the passenger compartments of vehicles on hot days. The high temperatures could adversely affect the lubricants and sealants. A vehicle's trunk, a gun cabinet, or a closet is preferable. Never leave the scope where direct sunlight can enter either the objective lens.

WARRANTY

Your ELLTECH Rifle Scope is covered by our VIP Lifetime Warranty. We will, at our discretion, either repair or replace your ELLTECH Rifle Scope without any cost if it is damaged or defective. If we can't repair your damaged product, we will replace it with a brand new one. We proudly stand behind our products and you can count on our VIP Lifetime Warranty.

Free Repair or Replacement | Fully Transferable



This warranty does not cover the product loss, theft, deliberate damage, abuse, misapplication or modification and does not apply to the electronic components or batteries.

For Warranty services please visit www.elltech.uk and contact our Customer Service Department for return instructions. If you need to return the product, please ensure the shipment and keep the tracking records. We cannot be responsible for your product until it has been received by our Customer Service Department.



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To find out more or to contact us head to:
WWW.ELLTECH.UK