

**PRODUCT INFORMATION
GUIDE**



**Feather Vision
226 Cecil A. Malone Dr.
Suite # 2
Ithaca, NY 14850**

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226 Cecil A. Malone Dr.
Suite #2
Ithaca, NY 14850**

**Phone: 607.256.0759
Toll Free: 866.FVI.LENS
Fax: 607.256.2518**

www.feathervisions.com

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About Feather Vision

Feather Vision is the premier provider of optical aids, scope lenses, and sight lenses for use in all types of target and 3D archery and bow hunting. Feather Visions, Inc. was incorporated in 1997 with the mission to bring innovative and improved scope lenses to the archery community.

From their headquarters in Ithaca, NY, company partners and family members Bert, Helen, and Chuck Cooley have propelled Feather Vision to a nationally and internationally recognized, industry leading supplier of OEM scope lenses and replacement scope lenses for all scopes and sights. Additionally, Feather Vision continues to ally itself with such industry notables as CR Archery Products, HHA Sports, Extreme Archery, Custom Bow Equipment, Shibuya Archery, Montana Black Gold, Trophy Ridge, Hind Sight, Spot-Hogg, Sword Sights, Square-Up, and BD Archery as these companies work to improve the quality and clarity of optics on the market. Feather Vision continues to gain momentum and build upon their success while remaining dedicated to their mission.

In addition to their own products, Feather Vision is also a distributor of other fine archery products. Scopes, sights, and sighting accessories from CR Archery, HHA, Spot-Hogg, CBE, AXCEL, Sword, Copper John and Specialty Archery are available from Feather Vision.

Bert Cooley, President - As President, Bert manages all of the business, contractual, manufacturing, and financial aspects of the company. He leads Feather Vision with a solid background that includes a degree in Business Administration and years of experience as a Senior System Software Engineer for a billion dollar corporation. Bert provides Feather Vision with both a vast knowledge of the archery industry and a complete understanding of the business world.

Helen Cooley, Secretary and Treasurer - In her role as Secretary and Treasurer, Helen manages the day-to-day financial operations of the company. She also performs some of the lab work for lens production and final product shipment. Helen's background includes responsibility for a multi million dollar payroll and accounting operation in a large upstate New York corporation. Her skills and experience create the backbone of the company's front and back office applications.

Chuck Cooley, Vice President - Responsible for technical issues and R&D, Chuck has been involved in retail and wholesale optical operations for more than 26 years. Being both an avid Professional archer and a New York State licensed, ABO nationally certified optician, Chuck brings the best of both worlds to the company. Chuck's optical experience and knowledge ensure that all FeatherVision™ lenses are the highest quality and the best in the industry.

Thank you for your interest and support.

Bert Cooley, Helen Cooley, and Chuck Cooley

Terms and Conditions

Retail Sales:

Payment for sales to all retail customers will be by cash, VISA, MasterCard, Discover Card, or American Express. There is a minimum purchase of \$10.00 required for credit card sales. Checks may be accepted at the option of Feather Vision when accompanied by valid picture ID(s). Any customer presenting a check that is returned for NSF will be charged an additional \$35.00 fee plus any additional collection fees incurred. Credit terms will not be granted to any retail customer.

Archery Shop Sales:

Dealer pricing will be offered to an archery dealer who: 1) maintains for sale, an inventory of archery related supplies, including one bow line, in a retail storefront that is not located in a home or residence and that maintains posted store hours; 2) provides a copy of a valid sales tax id and/or retail business license; 3) provides at least one bow line and distributor as a reference; 4) fills out a FV new account application. NO SALES at dealer pricing will be made until these conditions are met. Cash, VISA, MasterCard, Discover Card, American Express, or COD may be used to make payment for sales to the archery shop.

Credit Terms:

Archery product distributors, and archery equipment manufacturers may send an approved application for credit to Feather Vision. The application will be reviewed and any decision to grant or deny the application will be at the sole discretion of Feather Vision. Please allow 4 to 6 weeks to process credit applications. **Terms of approved applications will be NET 15.** A VISA, MasterCard, Discover Card, or American Express card must secure the account until a satisfactory credit history has been established. All past due invoices will be assessed a finance charge of 25% per annum. Any accounts 30+ days in arrears become due in full immediately and will be placed on hold. Accounts on hold may make additional purchases only with VISA, MasterCard, Discover Card, American Express, or COD which must include payment for any past due invoice. Accounts placed for collection may be subject to additional charges for collection/legal fees incurred.

International sales:

Payment for international sales must be in the form of international money order, wire transfer, a check drawn on a US bank, cash, VISA, MasterCard, Discover Card, or American Express. All payments are to be in US Dollars. Credit terms ARE NOT AVAILABLE to international customers. All payments must clear before any products are shipped to international addresses.

Returns:

Feather Vision may accept products for return when: 1) the product is being returned under the terms of the Warranty set forth below or, 2) it can be documented that the product was shipped in error and that the error was caused by Feather Vision. Products returned under this policy must be shipped prepaid with a valid RA# and be accompanied by a proof of purchase receipt. At the sole discretion of Feather Vision, a refund or Credit Memo (less applicable re-stocking fee) may be issued for product accepted for return under this policy. Any Credit Memos issued may be used toward future purchases for a period of one year.

Warranties:

Feather Vision warrants to the original purchaser that its products, if used for their intended purpose, be free from defects in material and workmanship for the lifetime of the product. If the original purchaser believes a product to be defective, the purchaser shall deliver the product to Feather Vision for examination. If Feather Vision finds the product to be defective, Feather Vision shall repair or replace the defective product at its discretion. This warranty is void if the returned product shows evidence of misuse, use in any manner for which it was not intended, normal wear and tear, tampering, improper repair, alteration, or damage resulting from improper storage or operation. This warranty does not apply to any product sold but not manufactured by Feather Vision. All products returned under this warranty must be shipped prepaid with a valid RA# to Feather Vision and be accompanied by a proof of purchase receipt.

Feather Vision makes no other warranties or representations of any kind whatsoever express or implied, and all implied warranties, including any warranty of merchantability or fitness for a particular purpose, are hereby disclaimed.

The remedies of the purchaser set forth in this statement are exclusive and the total liability of Feather Visions, Inc. with respect to the product, whether based upon contract, warranty, negligence, implementation, strict liability or otherwise, shall not exceed the purchase price of the product. In no event shall Feather Visions, Inc. be liable for consequential, incidental, or other damages.

Binoculars



Carson 3D Series

HD Coated Optics For Maximum Light Gathering
O-Ring Sealed, Nitrogen Purged Waterproof Body
Large Objective Lens for Bright Images
Rubberized Armor Coating for Shock Resistance
Long Eye Relief for Eyeglass Wearers
Limited Lifetime Warranty
Available in 8x32, 8x42, 10x42, and 10x50
Special Order Only

Item# TD-832,TD-842,TD-042,TD-050

Carson Quick Focus Monocular



8 x 25 Quick Focus Monocular
Toggle Style Focus Allows One Hand Operation
Easy to Carry, Fits in Pocket or Tote
Great for Sporting Events or Vacation
Carrying Case
Wrist Strap
Weight 2.6 oz.

Item# BA-825

Carson Tracker 8x21



Lightweight Compact Binocular
Easy to Carry, Fits in Pocket or Tote
Great for Sporting Events or Vacation
Water Resistant
Weighs Just 7 oz.

Item# TZ-821

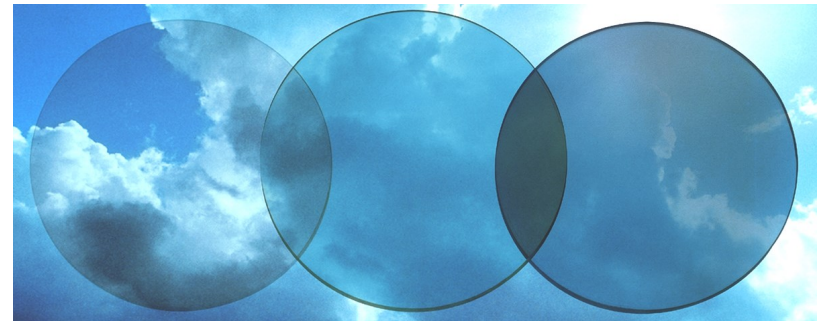
Carson Waterproof Monocular 10x25



Lightweight Compact Waterproof Monocular
10 Power, 25mm Objective Lens
Easy to Carry, Fits in Pocket or Tote
Perfect for a Quick Look
Great for Sporting Events or Vacation
Weighs Just 4.5 oz.

Item# WM-025

Lenses - Lenses - Lenses



At Feather Vision, our focus has always been to provide excellent quality, affordable, scope lenses and optical accessories to the archery community.

We understand and appreciate each archer will have his or her own equipment preference. However, they may want to change or upgrade the optics they use without having to purchase another scope or lens adapted sight. This situation is where we offer an optimal solution.

Feather Vision can make a replacement lens for most, if not all, scopes and lens enabled sights on the market.

We offer many scope lens options in various price ranges as outlined on the following pages, just pick the one you want. And if you are in the market for a scope we offer those as well. When you purchase from us, you can mix and match your choice of a FeatherVision™ lens with your preferred scope.

Feather Vision proudly distributes scopes, sights, and sighting accessories from CR Archery, HHA, Copper John, Spot-Hogg, AXCEL, CBE and Specialty Archery.

Need shooting glasses? We offer Decot shooting glasses, including prescription options through our association with Classic Optical.

Scope Lens Options

FT - Feather Vision TruVision™



Debuted in 2010, this scope lens, features a zero power base lens with a power button centered on the lens in either a 7mm or 10mm size. This center magnification principle allows a more natural centering of the target and eliminates the need to 'peek' around a pin or dot. The design of this scope lens combines Zeiss® supplied glass, and premium Zeiss® multi-layer AR coatings on a slightly curved surface to provide a sharp and clear target image. Offered lens powers are: +.75, and +1.00 diopter in a 7mm or 10mm power button. Lens drilling and lens tinting options are not available.

FL - Feather Vision VerdePlus™



Introduced in 2009, this lens is our latest offering in a plano-convex lens. The advanced design combines superior Zeiss® supplied glass, the latest Zeiss® AR coating, and Zeiss® manufacturing technology to provide an exceptionally clear lens. The advanced Zeiss® coating provide a 99.98% light transmission capability and hydrophobic (water hating) qualities. A separate oleophobic coating repels fingerprints, grease, dust, and dirt and makes the lens easy to clean. This advanced coating along with a higher hardness rating combine to provide enhanced durability. Offered lens powers are: +.25, +.37, +.50, +.62, +.75, +.82, and +1.00 diopter.

FK- Feather Vision AciesPlus™



The advanced material of this scope lens introduced in 2012, combines aspheric design with advanced composite material to produce the lightest weight lens on the market. The material is also one of the strongest on the market with an ABBE value approaching that of a glass lens. When combined with the latest and most advanced Zeiss® multi-layer AR coatings available, the lens offers a distortion free image while maintaining a light transmittance over 99%. The superb material, coating, and manufacturing process, combine to offer superior scratch resistance, light transmission throughout the entire visible spectrum, and virtually eliminates reflection. Offered lens powers are: +.25, +.50, +.75, and +1.00 diopter. Tinting can be done in Amber, Red, or Blue. Drilling can be done in .020", .030", .040", and .060".

FC - Feather Vision Acies™



Introduced in 2012, this lens uses the same advanced material as the AciesPlus™. Combined with aspheric design and premium Zeiss® multi-layer AR coatings, the lens offers a distortion free image while maintaining a light transmittance over 99%. Offered lens powers are: +.25, +.50, +.75, and +1.00 diopter. Tinting can be done in Amber, Red, or Blue. Drilling can be done in .020", .030", .040", and .060".

Shooting and Optical Accessories

Lens Cleaner

Biodegradable and Specially Formulated for AR Coated Lenses. Can be Used Safely on Any Lens.

Item# FV-LNS-CLN-B



Micro-Fiber Lens Cloth

Can be Used When Lens Cleaner is Not Available. Lifts Dirt, Dust, and Skin Oils From the Lens Surface

Item# FV-LNS-CLN-C



Pre-Moistened Lens Cloth

Same Great Formula as Our Lens Cleaner. Individually Packaged for Single Use. Sold in 3 Pack.

Item# FV-LNS-CLN-D



Anti-Fog Treatment

Dry Anti-Fog Formula . 3 Cloths in each Pack. Multiple Uses From Each Cloth. Simply Wipe on Then Buff.

Item# FV-LNS-CLN-F



Mini Lens Pen

Compact Natural Hair Lens Brush to Wipe Away Dust and Grit. Great for Field Use or Prior to Cleaning Lens.

Item# FV-LNS-PEN



Lens Tote

Safely Transport Spare Scope Lenses in This Plastic Lens Carrier. Padded Interior Protects Lens.

Item# FV-LNS-TOT-S (1 ea.) or FV-LNS-TOT-C (3 Pak)



Decot Classic Hy-Wyd Shooting Glasses *

Interchangeable Plastic Lenses
Spring Metal Frame w/Spring Hinges Temples
Ten Different Tints for Varied Lighting Conditions
Includes Hard Carry Case
Adjustable Nose Bridge

* Available only thru Classic Optical



Item# Hy-Wyd

Shooting and Optical Accessories

HatEyes™ Hat Visor Magnifiers

Clips to Brim of Hat and Flips Down for Use.
Interchangeable Lens
Available Powers: +1.6, +2.00, +2.25, +2.75

Item# FV-MAG-FLP-16, FV-MAG-FLP-20,
FV-MAG-FLP-22, FV-MAG-FLP-27



Double Vision Blinder

Clips on Hat to Cover Non-Aiming Eye. Allows Shooting
With Both Eyes Open. Mini Version Available

Item# FV-DBL-VIS-B(W), FV-DBL-VIS-M



Fiber Optic Material

Available Colors are Red, Yellow, Green, and Blue.
Available Sizes are .019", .030", .040", and .060"

Item# FV-FIB-(Dia)-T (Tube) or FV-FIB-(Dia)-B (Bulk)



CR Sight Scale Magnifier

Polycarbonate Material Provides 2-3X Magnification. Fits
Sure-Loc, Copper John, CBE, HTM, Toxonics, etc.

Item# SSM



CR Sight Scale Hider

Trimable Black ABS Plastic. Fits CR Sight Scale
Magnifier. ASA/IBO Legal. Mounting Hardware incl.

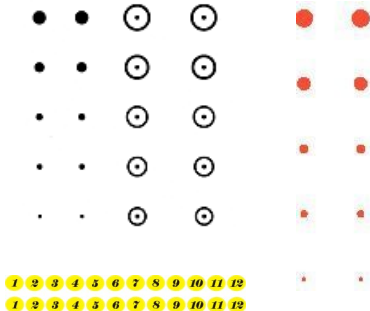
Item# SSH



Gunstar Reticles

Aiming Transfers for Your Lens
Easy to Apply
Template for Centering on Lens Included

Dots Only - Item# FV-RET-DOT
Precision Target - Item# FV-RET-COM
(Dots & Circles)
Chubby Target - Item# FV-RET-CHB
(Thicker Walls than Precision Target)
Tail Numbers - Item# FV-RET-TAI



Available Colors: Orange, Yellow, Green,
Black, White

Scope Lens Options

FD - Feather Vision PolyChoice™



Introduced in 2014, these lenses are made using the highest quality optical grade polycarbonate material from Essilor. It utilizes the advantages of an aspheric design providing less distortion. The Crizal AR coating provides scratch resistance, repels static and fingerprints, and repels water completely. The lens provides a clear target image at an affordable price. Offered lens powers are: +.25, +.50, +.75, and +1.00. Drilling can be done in .020", .030", .040", and .060".

FG - Feather Vision Verde™



Introduced in 2001, this lens was in response to the desire for a flatter glass material lens. Using a specific curve structure that provides a clearer image than the truly flat lens design, this glass lens performs extremely well in most conditions. The specific curve structure combined with the clear optical properties of glass minimizes traditional reflections that often plague flatter designs while allowing a sharp clean view of the target. The premium AR Coating is provided by Zeiss®. Offered lens powers are: +.25, +.37, +.50, +.62, +.75, +.82, and +1.00 diopter. Lens drilling is not available.

FA - Feather Vision Allusion™

This is a lens specifically designed for "dot" shooting and introduced in 2001. It uses a high power minus lens to minify the target and a drilled hole in the center of the lens (size specified by the shooter). This makes the target look as if the center of the lens is magnified, thus being easier to hit. The lens helps in 2 major areas: 1) Calming the shot process for a smoother easier arrow and, 2) Allowing the shooter more freedom of setup and tuning by not having to worry about a peep clarifier system to see the target.

FV - Feather Vision OriginalPlus™

In 2006 we introduced improvements to the first polycarbonate material and lens we brought to the scope market in by adding a superior **Plus** AR coating. The proprietary AR coating provides scratch resistance comparable to glass and a super slick surface that repels water completely. A separate oleophobic coating repels fingerprints, grease, dust, and dirt and makes the lens easy to clean. These lenses are made using the highest quality optical grade polycarbonate material. Offered lens powers are: +.25, +.50, +.75, and +1.00 diopter. Lens tinting options are not available. Drilling can be done in .020", .030", .040", and .060".

Sight Offerings



HHA Optimizer Lite OL5200X



.029" Rifle Style Cross Hair to Center Pin
CNC Machined Aluminum
A.R.M.O.R Sight Pin
3 Feet of .010, .019 or .029 Fiber Optic per Pin
Accepts Light Kit
Accepts Lens with Lens Kit B

Item# OL-5200X, OL-5210X, OL-5219X

HHA Optimizer-Lite OL-5000, OL-5010 & OL-5019



Tool Free Micro Adjust
CNC Machined Aluminum
A.R.M.O.R Sight Pin
3 Feet of .010, .019, or .029 Fiber
Patented EZ-TAPES
Accepts Light Kit
Accepts Lens with Lens Kit B

Item# OL-5000, OL-5010, OL-5019

HHA Optimizer-Lite Ultra DS-5000, DS5010, & DS-5019



Exclusive Yardage Dial Allows Rapid Adjustment
Includes Customized Yardage Scale
Tool Free Micro Adjust Windage
CNC Machined Aluminum
A.R.M.O.R Sight Pin
3 Feet of .010", .019", or .029" Fiber
Accepts Light Kit
Accepts Lens with Lens Kit B

Item# DS-5000, DS-5010, DS-5019

Scope Accessories

Scope Covers

Protects your Scope or Pin Sight
Water Resistant - Available in Large or Small Size

Item# FV-SCP-CVR-L (Lg) or FV-SCP-CVR-S (Sm)



HHA Lens Adapter Kit B or Adapter Kit X

Lens Kit B for 1 3/4" Housings
Lens Kit X for 2 1/4" Housings

Item# LNS-KIT-B or LNS-KIT-X



AXCEL LENS FRAME/RETAINER/HOOD

Put a FeatherVision™ Lens on your
AXCEL Sight or Scope with Either the
Lens Frame/Retainer Combo
Or the Lens Frame/Hood Combo

Lens Options are Described on Pgs. 4, 5



Item# AXAT-ARFC (frame) or AXAT-ARHC (hood)

Axcel Lens Frame

Lens Frame for Use When Installing a Feather Vision
Lens in an Axcel X31 or X41 Scope.

Item# AX31-F345 or AX41-F175



Lens Retainer Ring for Sure-Loc® Scopes

Adapts a FeatherVision™ Lens
to your Sure-Loc® Scope
Offered in 29mm, 35mm, and 42mm Sizes
Includes Retainer Ring, Shelf Enhancement
Ring, and O-Ring

Lens Options are Described on Pgs. 4, 5

Item# FV-SHL-LRS-xx ('xx' is 29, 35, or 42)



Lens Housing & Retainer Ring for Shrewd Scopes

Two Piece Retainer and Housing
Offered in 29mm, 35mm, and 42mm Sizes

Lens Options are Described on Pgs. 4, 5

Item# FV-SWD-LRS-xx ('xx' is 29, 35, or 42)



Scope Accessories

CR Apex Sunshade

CNC Machined Aluminum
For 3D or Target Scope



Item# A3DSS (3D) or ATSS (Target)

CR Crosshair Kit

For 3D or Target Housing
.014" & .018" Green & Yellow and .015" Black Crosshair
Material



Item# ACHK

CR RazorFire Fiber Post

Steel Post with 8-32 Threads
Available Fiber Diameters - .019", .029", .040", .060"



Item# ARFP

Scope Rods

Stainless Steel 10-32 Rod - 2 3/4" Long
Hardened Steel 10-32 Rod - 2 1/2" Long



Item# FV-SR

CR Lens Retainer Ring

CNC Machined Aluminum Lens Retainer Ring
For 3D or Target Scope



Item# A3DLR (3D) or ATLR (Target)

O-Ring

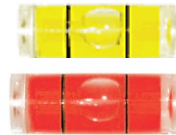
Soft Rubber to Cushion Lens and Eliminate Rattle
For 1 3/4" 3D Scope or 1 3/8" Target Scope



Item# A3DOR (3D) or ATOR (Target)

Scope Level

Yellow or Red
7/8" Long, 5/16" Diameter



Item# ALV-Y, ALV-R

Sight Offerings

HHA Optimizer Lite King Pin Tournament Edition

CNC Machined Aluminum
Tool Free Adjustments
Interchangeable Yardage Wheels
Magnified Sight Tape
Accepts Lens with Lens Kit B
Available Sun Shade
3 Feet of .010 or .019 Fiber Optic Pin



Item# TE-5519, TE-5510

Scope Offerings

FeatherVision™ Gold Spot



1.12" Field of View
Machined Aluminum Body
Gold Anodized Finish
Hardened 10 - 32 Rod
Accepts Up-Pin
Perfect for Target Archery

Item# FV-GLD-SCP

CR Apex 3-D Scope



1.660" Field of View
CNC Machined Aluminum Housing
Stainless Steel 10-32 Rod
Threaded Housing and Lens Retainer Ring
Converts to Right or Left Hand
Available in Black, Red, Blue, and Silver
Available Accessories: Crosshair Kit, Sunshade, Up-Pin

Item# A3DSH

CR Apex Target Scope



1.250" Field of View
CNC Machined Aluminum Housing
Stainless Steel 10-32 Rod
Threaded Housing and Lens Retainer Ring
Converts to Right or Left Hand
Available in Black, Red, Blue, and Silver
Available Accessories: Crosshair Kit, Sunshade, Up-Pin

Item# ATSH

HHA Pro-5000, Pro-5010, and Pro-5019



1.650" Field of View
CNC Machined Aluminum Housing
Stainless Steel 10-32 Rod
Wrapped with 3 feet of .010" or .019" Fiber (Red or Green) or .029" Fiber (Green Only)
Available in Right or Left Hand
Available Accessories: Lens Kit B (required for lens)
Blue Burst Light

Item# PRO5000, PRO5010, PRO5019

Scope Offerings

HHA Pro-5500, Pro-5510, and Pro-5519

1.650" Field of View
CNC Machined Aluminum Housing
Stainless Steel 10-32 Rod
Wrapped with 5 feet of .010" or .019" Fiber (Red or Green) or .029" Fiber (Green Only)
Exclusive Rheostat Adjusts Pin Brightness
Available Accessories: Lens Kit B (required for lens)
Blue Burst Light



Item# PRO5500, PRO5510, PRO5519

CBE Small Scope

1 3/8"
CNC Machined Aluminum Housing
Stainless Steel 10-32 Rod
Threaded Housing and Lens Retainer Ring
Pin Mounting from Top or Bottom
Ultra-fine Steel Pin in .010", .019", or .029"
Black Anodized Finish



Item# CBE-SCH2

CBE Large Scope

1 5/8"
CNC Machined Aluminum Housing
Stainless Steel 10-32 Rod
Threaded Housing and Lens Retainer Ring
Pin Mounting from Top or Bottom
Ultra-fine Steel Pin in .010", .019", or .029"
Black Anodized Finish



Item# CBE-SCH1

Specialty PRO and PRO XL Series

PRO Target (1 3/8") and PRO XL (1 3/4")
Black Machined Aluminum Housing
(PRO Target Avail. In Red, Silver, Green, & Blue)
Heat Treated Steel 10-32 Rod
Unique 2nd Axis Adjustment
Easy Change Modular Accessory System
Available Accessories: Crosshair Ring, Metal Glow Ring, SS Lenses (special order)



Item# SS-PRO-TGT, SS-PRO-XL