

# ZEROCHROMAT®

A new concept in terrestrial telescope design

Now there's an idea!



**Inventor**

Peter Wise BSc (Hons) FRAS



**Description:**

Zerochromat® is a novel optical design for a spotting telescope, which only uses inexpensive, commonly available glass types. This instrument has phenomenal resolution and performance across a wide field of view. No prisms are needed, which improves the performance and reduces the weight and cost.

**Key Selling Points:**

- Ultra high performance
- Wide field of view
- True colour rendition

**Looking for:**

Licensees, Distributors, Retailers

**Patent Status:**

UK Patent applied for



Llywodraeth Cynulliad Cymru  
Welsh Assembly Government

[www.cymru.gov.uk](http://www.cymru.gov.uk)



**To make contact with the inventor:**

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**Wales  
Cymru**

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## Other Features and Advantages:

- Lightweight
- Low production cost
- Simple to manufacture
- Very robust
- Carbon fibre option
- Unique 'retrofocal' optical system does away with the need for erecting prisms, so it is resistant to hard knocks
- The optical performance is so good that it can be used for astronomy, with pinpoint stars right across a 2.5 degree field of view
- Easy to carry, with an extremely low weight of 750g
- Perfect for 'digiscoping' all forms of wildlife

## Potential Markets / Outlets:

- Wildlife viewing and photography
- Astronomy
- Surveillance
- Military observation
- Binocular option



Moon image at 150x magnification



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