

# Better Vision Better Results



## R3800

### Full HD Mobile Camera System



#### COMPLETE SYSTEM

The Redfin R3800 Endoscope Camera System is a powerful, high definition video endoscopy system designed to handle the demands of diagnostic and surgical applications at an affordable cost.

#### FULL HD 1080p

High quality optics and multiple console output options allow this set to stream a live, Full HD image to any commercial or medical grade monitor. To record the live feed, the Video Console is compatible with any standard video recorder.

#### MOBILE

With the included carrying case, it's easy to pack up the R3800 system for remote procedures or multiple clinics.

#### AFFORDABLE

The Redfin R3800 delivers a superb, high quality Full HD image with an innovative mobile form factor at an extremely affordable price. Its cost enables clinics and hospitals to deploy multiple units where a single unit would normally be used.

#### Endoscope Camera



- Full HD Endoscope Camera
- Waterproof Design, Fully Soakable
- Includes 22mm Universal Coupler
- Rugged Construction
- 10ft Cable Included

#### Video Console



- SDI, HDMI, DVI, VGA, Composite Outputs
- Available Resolutions:
  - 1080p, 720p, 1024x768, 1920x1280
- Compact for Easy Portability
- Compatible with Standard Video Recorders

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## ADDITIONAL INFORMATION

For more information about the R3800 please contact: [sales@fireflyglobal.com](mailto:sales@fireflyglobal.com)

## WARRANTY & PRODUCT SUPPORT

All Redfin products come with a one year warranty. Product support is provided through Firefly's worldwide distribution network and also directly from its company headquarters in Massachusetts. Support is offered at no additional cost.

## COMPANY BACKGROUND

Firefly has a strong history of offering high quality products to medical professionals worldwide. Known for their Wireless Devices, Firefly has expanded into Full HD Wired solutions as well. Available in over 40 countries, Firefly has established itself as the innovation leader for high quality, affordable devices.

## Technical Specifications

Weight (approximate)	Camera head and cable: 300g / 0.66lbs Video Console: 900g / 1.98lbs
Camera Dimensions (approximate)	Length: 7.7cm / 3.03in Width: 4.0cm / 1.57in Height: 5.3cm / 2.08in
Console Dimensions (approximate)	Length: 28.8cm / 11.3in Width: 13.5cm / 5.3in Height: 4.0cm / 1.57in
Power Source	External AC/DC switching power supply Rating (AC): 100-240 VAC, 1.2A, @ 50 – 60 Hz Rating (DC): 12 VDC, 2.5A
Protection against ingress of water	Camera head and cable: IPX7 Video Console: IPX0
Mounting	C-mount universal coupler
Image Sensor	CMOS sensor, 2.12 M active pixels
Console Outputs	1x HD-SDI 1x HDMI (Type A Connector) 1x DVI 1x VGA 1x Composite
Display Formats	1280x720 1920x1080 1024x768 1920x1200
Operating Conditions	Temperature: 0°C to +40°C (+32°F to +104°F) Relative Humidity: 20% to 90% noncondensing
Shipping and storage conditions	Temperature: -20°C to +60°C (-4°F to +140°F) Relative Humidity: 90% noncondensing max

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## Included: Carrying Case



- Protects R3800 Components
- Added space for additional cables
- Rugged, Compact, and Portable
  - Length: 48cm / 18.9in
  - Width: 33cm / 13in
  - Height: 10cm / 3.94in

## Optional: LED Light Source



- Completely Wireless Operation
- Ultra-Bright LED. 6500K White
- 4+ Hour Operation
- Includes 2 Rechargeable Batteries

