

Aligned for Brilliance
IMAGINA Endoscopy System

Contact your PENTAX Medical Representative to request a demo of IMAGINA today.
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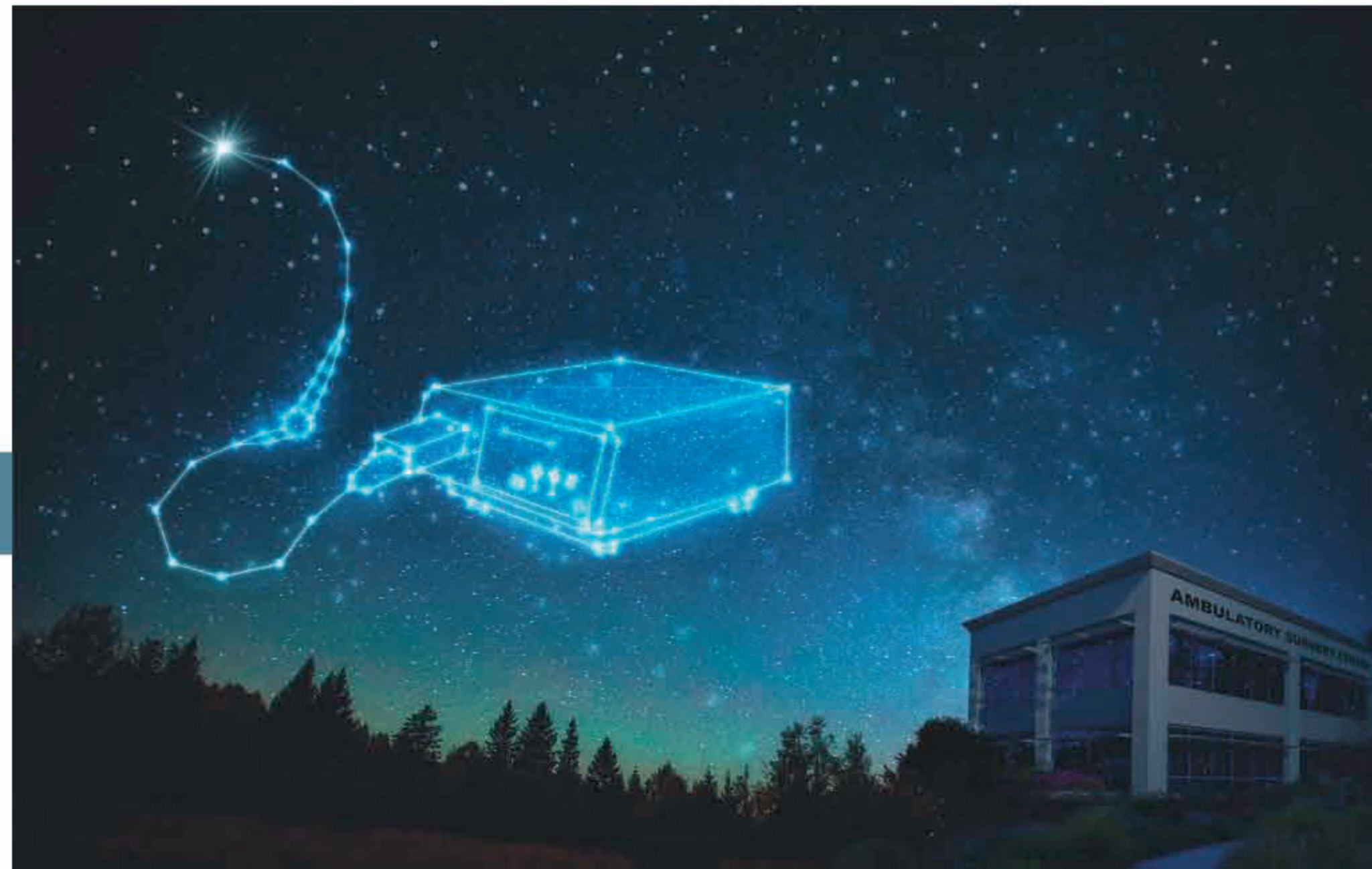
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IMGI 2142EN-CURL Rev.1





Your Bright Future Demands Brilliant Imaging

Innovations in endoscopy are rapidly changing the standard of care in gastroenterology, improving performance and empowering clinicians to provide the best care to their patients. But for many gastrointestinal (GI) practices, technological advancements can feel cost-prohibitive and out of reach.

Declining reimbursement rates and constricting budgets can limit these centers to outdated endoscopes, dimming bulbs, and inferior resolution that capture sub-optimal images. Your practice deserves better.

NOW IS THE TIME TO MOVE CONFIDENTLY INTO THE FUTURE OF ENDOSCOPY.

Together, IMAGINA and Your ASC Can Be Aligned for Brilliance



1 DISTINCTIVE DESIGN. BRILLIANT IMAGING.

Only IMAGINA combines advanced HD+™ CMOS image sensor technology with distally-mounted, ultra-bright LED lights to provide clear and brilliant images. The system comes equipped with i-SCAN image enhancement for enhanced visibility of vascular structures and surface textures.

2 SLEEK AND INTUITIVE PLATFORM. SEAMLESS PROCEDURE MANAGEMENT.

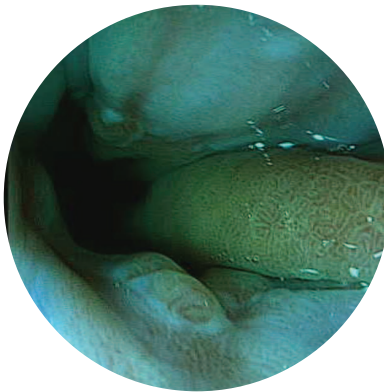
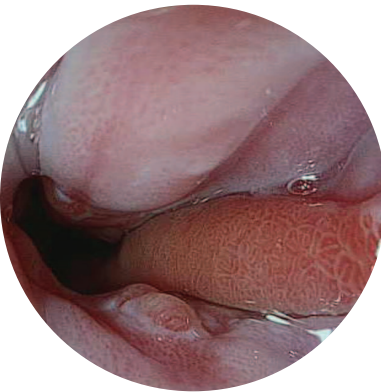
The IMAGINA System is thoughtfully designed for today's busiest Surgery Center Practices, offering ergonomic and safety features that enhance the patient and provider experience.

3 AFFORDABLE PATIENT CARE. NO COMPROMISES.

IMAGINA eliminates tradeoffs by providing high-performance technology for a lower overall cost of ownership, without compromising on image quality, patient safety, or user experience.

The IMAGINA i10c Series is the Only Endoscope Platform of Its Kind

An HD+™ CMOS image sensor, distally-mounted LED lights, and integrated i-SCAN image enhancement ensure bright, brilliant images that support characterization of vascular patterns and surface textures.



PENTAX i-SCAN™ is a digital, post-processing image enhancement technology that provides the user with an enhanced view of the texture of the mucosal surface and the blood vessels.

i-SCAN has three different settings: i-SCAN 1, i-SCAN 2, and i-SCAN 3 that are composed of varying combinations of Surface Enhancement (SE), Contrast Enhancement (CE), and Tone Enhancement (TE) algorithms.

What makes IMAGINA unique?

It starts with an advanced CMOS sensor with **1080p resolution**.

Use of progressive scanning can help better capture images in motion.

Ultra-high-definition images can be captured at 3–100mm from mucosa.

Standard CCD chips use interlaced scanning to capture half of an image first, and the rest a second later. But the IMAGINA CMOS sensor uses progressive scanning to capture the entire image at once.

- 1

IMAGINA goes beyond bright to deliver something *brilliant*: Two distally mounted ultra-bright LEDs deliver an energy efficient, evenly illuminated, and tremendously vivid image.

Eliminates the need for expensive replacement bulbs, greatly reducing the cost of ownership.
- 2

Built on the proven design of the PENTAX Medical i10 Series endoscope, IMAGINA i10c endoscopes feature large working channels for greater therapeutic opportunity.
- 3

Robust scope performance with consistent brightness eliminates unnecessary system downtime.



A Sleek, Modern Imaging Platform Creates an Exceptional User Experience



INTUITIVE CONTROL

Touch-screen panel
even responds to a
gloved touch.



IMMEDIATE ACCESS TO IMAGES

Thumbnails of images
and video can appear
on the processor
screen and monitor
without delay.



PORTABILITY

Small size lets you easily
reposition the platform
within the room or move
it from suite to suite.



ERGONOMIC DESIGN

A 40% lighter waterproof
connector and a 20–25%
overall reduction in weight¹
provide greater user comfort
and safety during scope
reprocessing and operation.



LOWER RISK OF DAMAGE

New waterproof scope
connector eliminates the
need for a soaking cap,
lessening the possibility
of endoscope flooding.

With IMAGINA, Exceptional Meets Accessible

The IMAGINA System offers high-performance technology for a lower overall cost of care:

Flexible purchase models make the exceptional design of the IMAGINA system surprisingly affordable.

By eliminating replacement bulbs, IMAGINA reduces costs over the lifetime of the system.

PENTAX Medical ServiceWorks™ program offers industry-leading service and repair discounts, plus risk-reduction support to further reduce overall cost of ownership.

UNPARALLELED IMAGING. GREATER CONTROL. NO COMPROMISES.

See how IMAGINA can create
a brighter future in your practice.
Contact your local PENTAX
Medical Representative to request
a demo today.



1. When compared to i10 Series endoscopes with CCD sensors.

