Phase One Industrial Launches iXU-RS Aerial Camera Series Featuring Innovative Central Lens Shutter Design

_flagship iXU-RS1000 Aerial Camera Redefines Precision and Reliability_

COPENHAGEN, September 6, 2016 — Phase One Industrial today introduced the iXU-RS aerial camera series, featuring a breakthrough central lens shutter design. The new shutter technology is based on an innovative direct drive concept with electronic charging that enhances exposure speed to as fast as 1/2500s, while guaranteeing half a million exposures, an unprecedented shutter life span.

The series’ flagship 100MP iXU-RS1000 camera system, with the advanced lens shutter, an exceptional capture rate of 0.6 seconds per frame and its CMOS sensor with superior light sensitivity of 50-6400 ISO, is uniquely designed to expand the efficiency of aerial imaging operations, including under deteriorating weather conditions or on days that were previously not conducive to image capture, allowing faster flights, and larger surface coverage.

For a small-bodied medium format camera, the iXU-RS1000 offers a large format quality experience thanks to its sensor technology and high performance optics, which can deliver 11,608 pixels cross-track coverage. Users can gain more image coverage during a flight, while maintaining the same ground sample distance (GSD), or a lower GSD, while flying at the same height. Its small form factor supports multiple uses -- as a standalone camera for photogrammetric work or as part of an array (to cover a larger swath) or as part of an oblique camera system.

Other iXU-RS series cameras include the 80MP iXU-RS180, and 60MP iXU-RS160 and 160 Achromatic systems. All iXU-RS series cameras feature accurate metric calibration, scalability to form multi-camera arrays, and easy integration with popular flight management systems and GPS/IMU receivers. There are seven available lens options, including: 32mm, 40mm, 50mm, 70mm, 90mm, 110mm and 150mm. Lenses have been designed and built for aerial photography by Rodenstock and Schneider Kreuznach, and factory calibrated for infinity focus.

Easily integrated into existing or new set-ups, the cameras offer maximum connectivity with diverse systems and help operators execute and manage missions, such as: surveying, mapping, critical Infrastructure inspection and many other applications with greater reliability, cost effectiveness and operational efficiency. The iXU-RS1000 is uniquely suited to four band imaging applications (See today’s related announcement).
About Phase One Industrial

Phase One Industrial is a division of Phase One A/S and is dedicated to research, development and manufacturing of specialized industrial camera systems and equipment. Phase One Industrial camera systems are built specifically for applications such as aerial photography, homeland security and inspection. The company provides advanced hardware and imaging software solutions that meet the unique requirements of their users.

PR Contact:

Kathy Madison
MADISON Group PR
For Phase One Industrial
kathy(at)madisonpr(dot)com