

KEY FEATURES

High resolution digital camera designed for the demands of aerial applications - robust housing with fewer mechanical parts and high reliability.

Wide range of Rollei Pro lenses with optimized leaf shutter.

The implemented RS232 connection remote controls the camera with a laptop, a PDA or a 19" rack.

Also available as multi head mapping camera (Trimble® Aerial Camera xN) with up to four camera heads.



NORTH & SOUTH AMERICA

Trimble Navigation Limited
10355 Westmoor Drive
Suite #100
Westminster, CO 80021
USA
+1-720-587-4905 Phone
+1-720-587-4878 Fax

EUROPE & AFRICA

Trimble Holdings GmbH
Smaragdweg 1
70174 Stuttgart
GERMANY
+49-711-228810 Phone
+49-711-2288111 Fax

ASIA-PACIFIC & MIDDLE EAST

Trimble Navigation
Singapore PTE Limited
80 Marine Parade Road
#22-06 Parkway Parade
Singapore, 449269
SINGAPORE
+65-6348-2212 Phone
+65-6348-2232 Fax

AERIAL CAMERA WITH INTERCHANGEABLE PROFESSIONAL LENSES FOR EXCELLENT IMAGES AND HIGH STABILITY

SPECIFICATIONS

Camera type Digital camera for aerial applications

Sensors

22 megapixel – P25 CCD-chip, 48.9 mm x 36.9 mm
5440 pixel x 4080 pixel

Pixel size 9 µm

39 megapixel – P45+ CCD-chip, 49.1 mm x 36.9 mm
7228 pixel x 5428 pixel

Pixel size 6.8 µm

60 megapixel – P65+ CCD-chip, 53.9 mm x 40.4 mm
8924 pixel x 6732 pixel

Pixel size 6.0 µm

Color depth 16 bit per color

Sensitivity equivalent

22 megapixel ISO 50 to 400

39 megapixel, 60 megapixel ISO 50 to 800

Calibration Metric calibration for each lens

Shutter type Electronically controlled leaf shutter

Shutter speed 1 second to 1/1000 second, bulb

Power supply 18 V – 30 V DC, min. 250 mA, max. 2 A (1 ms)

Lenses

Interchangeable metric professional lenses with Rollei Electronic Shutter

- Schneider Apo-Digitar 35mm f/5.6
- Schneider Apo-Digitar 47mm f/5.6
- Rodenstock Apo-Sironar 60mm f/4.0
- Schneider Apo-Digitar 72mm f/5.6
- Also available as (C)IR versions

Aperture range Depending on lens

Temperature range -10° C to +50° C

Camera control software

Set up of aperture, shutter speed, single or multi release, timer release, external release and recording of the log file.

Standard equipment

Aluminium camera body with fixed digital back, black box, cable set for external release and power supply, camera control software Control 6008 and CaptureOne software on CD.

Accessories

Light meter, camera mounting, PC system as data storage system in 19" rack, PDA including control software.

Dimension (w x h x d) Approx. 110 x 150 x 150 mm

Weight Approx. 1400 g (without lens)