

HARDWARE AND SOFTWARE DESCRIPTION

ZeeScan (3D Module add-on)

- Electro-optics module for fast Z stack acquisition;
- C-mount mechanical interface for camera attachment;
- C-mount optical interface for microscope video port;
- Z-range per objective = $23\text{mm}/\text{Obj.Mag}^2$, Z-range $23\text{mm}@1\text{X}$ objective;
- 10bit discrete steps over Z-range;
- Response time 5ms / step,
- USB port interface to PC (USB cable included);
- Power supply 110 / 220 VAC (included);
- Dimensions: H:120mm, Dia 120mm;
- Weight: 345g.



ZeeCam (3D Module add-on)

- Internal ZeeScan electro-optics module for fast Z stack acquisition;
- Integrated CCD or CMOS camera , 3 models available:
- ZeeCam-100: CMOS 1280 x 1024, 5.2 μm square pixels, 30fps@full resolution
- ZeeCam-150: CCD 1616 x 1216, 4.40 square pixels, 12fps@full resolution
- ZeeCam-200: CCD 2560 x 1920, 2.20 square pixels, 6fps@full resolution
- C-mount optical interface for microscope video port;
- Internal memory with calibration data;
- USB port interface to PC (USB cable included);
- Power supply 110 / 220 VAC;
- Dimensions: H:170mm, Dia 120mm;
- Weight: 400g



GetPhase Software

GetPhase® software release 2.7;
XP/Vista/Windows7/8 (32/64bit) compatible;
Compatible with Graphics Processor Accelerator (NVidia type);
Free software updates;
Software protected by USB License Key.

GetPhase Light Edition

- Automatic acquisition, display & measurement;
- Transmission / reflection mode selection;
- Acquisition Wizard with recordable parameters;
- Acquisition parameters: objective, region of interest, navigator, exposure time, resolution;
- Graphics & Annotations;
- Scale Bar;
- 2D measurements: distance, angle, rectangle, free defined, etc.;
- Post processing tools: filtering, leveling, spikes elimination;
- Report generator with customizable views and fields;
- Export report in pdf or html format;
- Save / Archive projects with all measurement parameters;
- Macros edit / save tools;
- Image stitching (requires 3rd party hardware)
- Profile & Surface roughness measurements & analysis;
- Multiple fields surface roughness.
- Z-Depth measurement: height between set low & high position;
- Remote focusing with slider or mouse
- Z-stack acquisition parameters: interval, number of sections, highest & lowest positions;
- Z-Stack viewer: stack information and stack navigator
- Fusion image / Extended Depth of Field;
- 3D reconstruction & display;
- Multiple views: brightfield, darkfield, DIC, Phase, 3D, profiles, fringes;
- 3D measurements: profiles, step heights, width, curvature angle measurements;
- Export image stack;

SCOPE OF DELIVERY

ZeeScan		
Parts	Description	Qty
ZeeScan	ZeeScan electro-optics module	1
USB cable	1 meter length USB2.0 cable	1
Power Supply	110/220 VAC, with power cord	1
CD software	Includes: System_Calibration software GetZee latest software release GetPhase latest software release Electronic user manual	1 1 1 1
USB dongle	USB License Key	1
Packaging: Box dimensions 30 x 30 x 30 cm weight 3 Kg		

ZeeCam – 100 / 150 / 200		
Parts	Description	Qty
ZeeCam-100	Housing Includes: ZeeScan electro-optics module CMOS 1280 x 1024, 5.2µm square pixels	1
ZeeCam-150	Housing includes in : ZeeScan electro-optics module CCD 1616 x 1216, 4.40 square pixels	1
ZeeCam-200	Housing includes: ZeeScan electro-optics module CCD 2560 x 1920, 2.20 square pixels	1
Including for the 3 models above:		
USB cable	1 meter length USB2.0 cable	1
Power Supply	110/220 VAC, universal female plug, electrical cord supplied	1
CD software	Includes: System_Calibration software GetZee latest software release GetPhase latest software release Electronic user manual	1 1 1 1
USB dongle	USB License Key	1
Packaging: Box dimensions 30 x 30 x 30 cm weight 3Kg		