

## XplusSecurity 4336

Article No.: 1500003



Special image enhancement and archiving system with flatpanel for police and military operations. Comfortable with One-Touch-Step function: start the scan, store the image, measurement functions. The systems can be used with and without robot vehicle. The software is based on pictograms and thus multilingual. The systems stand out for their intuitive operation; there is no need for extensive training.

### Features:

- ROVs integrated/adapted
- The systems can be used with and without robot vehicle
- Ready to use, within a few minutes
- X-ray image displayed on laptop PC / robot monitor\* (\*addon)
- Operation with battery pack or power supply of ROV
- Standardized holder principle (for mobile and highly mobile Systems)
- Dual mission capability (e.g. use of disruptor after X-ray)
- Remote control via cable or WiFi
- System specifications are based on ROV specs (e.g. Mil-Std 810)
- Image stitching concept [e.g. 4in1]
- No mobility kill of robot vehicle (when using XplusSecurity)

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### DESCRIPTION

XplusSecurity is a PC based image enhancement and archiving system of the latest generation. It is a portable Xray-Scanning-System based on the flat panel detector technology. The System works with various Xray-sources, e.g. Golden Engineering XR150, XR200, XRS-3 etc. It transfers captured images from the detector to the user terminal. The distance between the detector and the terminal can be up to app. 5 m (addon: wireless).

The software Xplus controls the detector and the connected X-ray source. The XplusSecurity 4336 system provides a very simple handling and it only takes a few minutes from transport to running operation. The flatpanel is to be placed behind the object by the operator.

All equipment compactly is stored in one backpack.





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## SPECIFICATIONS

### Scan area

- Size: app. 43 x 36 cm
- Scantime: app. 90 sec/WLAN  
(complete area, depends on available X-Ray Generator)

### Notebook

- Microsoft Windows™
- XplusSecurity-Software-License
- Independent by battery packs  
(approx. 2 up to 5h)
- Fully ruggedized (10"/12"/15")\*
- Sun light readable (~ 1.200nits)
- Multi-Touch LCD Screen
- Webcam integrated

### Backpack

- System fully contained

### Backpack, small\* [option]

- Backpack for "fast dropping"  
(light-weight)

### Image processing

- Image rotation
- Mirroring
- Sharpening
- 4in1 Window function
- Multiple Image On Screen Option
- autm. Storage Option

### ROVs integrated\*

- tEODor
  - Telemax
  - Others on request
- \*X-ray systems controlled by ROV

### Measuring functions

- Length
- Multiple measurement
- 6incl. comments on screen
- Grid-On-Screen (ON/OFF)

### Software

- Multilingual (pictogram)
- Mission log (data-base)
- CIED/CEOD-Report
- Mission import/export
- Touch screen capable

### Ready for Operation

- less than 3 min.

### Image capturing

- Raw image [... 40s]
- Raw image [14bit/16bit]
- Max. grey scales [~ 65.536]

### X-ray Source (Golden Engineering)\*

- XR150
- XR200
- XRS3
- XRS4

\*System will be impulse controlled or manually for best image quality!!!

### Battery Pack

Specially made rechargeable NiMH battery pack, 4 packs included

### Operating Time

App. 5 hours with the four included battery packs or continuous with mains

### Options

- Cable :> 200m optical fibre\* (addon)
- LAN-cable :> 10m up to 200m
- WiFi :> 10m up to 1.500m (line of sight)
- X-ray source: controlled by WiFi or cable

### Mill-Spec's\*

- Mill STD 810G
- Mill STD 461F
- IP65

\* All connectors are "mill-ready" specified

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