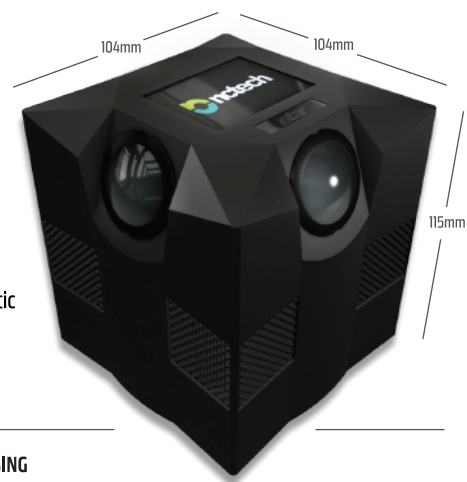


istarTM 360 DEGREE RAPID IMAGING

SOFTWARE MODEL: **iSTAR FUSION**

The iSTAR FUSION represents technical advances in high resolution digital imaging. Fully automatic and instant, the iSTAR FUSION delivers full spherical images in seconds with one button push with no need for a computer. This rapid speed of capture together with the iSTAR's light weight and zero setup time allows multiple locations to be photographed in minutes, not hours.



BODY

Dimensions: 104mm x 104mm x 115mm
Weight approx. 1Kg
Material: Aluminium hard anodised
Protection IP64: Rugged, robust, splash proof, dust proof
Mount: 1/4" tripod thread
Removable battery
Internal Wifi antenna
Rubber seals reveal DC input, SD, HDMI, USB and Ethernet ports
Optional inverted mount
Optional white LED night pack

IMAGING

Full spherical 360° x 275° +/- 5° image
Simultaneous and independent capture from 4 lenses
4 x 10Mp sensors/effective 50 megapixel output
Up to 10,000 x 5000 +/- 7%
Capture time approx. 10 seconds for full 360° image
Auto white balance
Auto TTL metering
Fixed focus, fixed aperture
No moveable mechanics in lens and optics assembly
High dynamic light range sensitivity

LIVE REMOTE CONTROL & PREVIEW TO OPTIONAL TABLET PC

Remote control & enhanced iSTAR functionality over Wifi
Remote Wifi
Live 2D preview at 25 FPS
Live status including GPS, temperature, Wifi, battery, storage
Safe encrypted remote viewing over SSL
Immersive playback of stored images with zoom and pan controls

SENSORS

GPS: coordinate tagging image data +/- 2°
Temperature: overheating protection

OUTPUT FILE TYPES: PNG, JPG, RAW/Equiangular & cube formats

INTERNAL PROCESSING

Image stitching & blending
Enhanced HDR: Configurable sequential exposures
Automatic HDR processing on/off
Record GPS coordinates with images

OPTIONAL EXTERNAL PC PROCESSING

Immersive playback of images with zoom and pan controls

CAMERA CONTROL INTERFACE

18bit colour 2.4, 160dpi resistive touchscreen, can be used with gloves on
Power on/off
Factory reset
All iSTAR features available through touchscreen & configurable
Stealth night mode screen setting
Audio alert indicator
Timer delay

CONNECTIVITY

HDMI out port (Pulsar only)	DC input socket
Gigabit ethernet connection	USB2 a/USB2 mini b
SD/SDHC card socket	Remote Tablet interface over SSL
Built in DHCP server	WiFi 802.11b/g/n

BATTERY AND POWER

12V mains power adapter, 2.1mm jack
Rechargeable, removable lithium ion 7.4V 4400mAh battery
In-camera battery charging
6 to 8 hours battery life in use / 48 hours standby mode
Soft power on/off
Battery level display/power down when low

STORAGE: Removable SD/SDHC card supports 32GB, FAT format

RATINGS: IP64, CE/FCC

OPERATIONAL RANGE: Outside temperature: 0°C to 50°C

FIRMWARE: Updatable online

COMPATIBILITY: MAC OSX 10.X, Windows VISTA/Windows 7

Upgrade to the iSTAR PULSAR

You can upgrade the iSTAR FUSION software to PULSAR to benefit from extended capabilities, speed and time saving features. PULSAR software is available as an optional upgrade for iSTAR FUSION models. PULSAR has many additional features designed to speed up productivity and provide even higher quality HDR images. It also packs a superior user interface with live full immersive view and introduces network connectivity and fast capture for video surveillance.

Key additional features of iSTAR PULSAR include

- Enhanced Image Previews
- Output directly to HDMI TV
- Tilt & digital compass integration
- Auto flip & In-picture modes
- Further enhanced HDR. 1 to 11 exposures delivers superior image detail. (equivalent to 60 stops)
- Ethernet network support
- External storage support, USB HDD, NAT
- Fast Capture mode, up to 25 FPS
- SDK available for enabling integration with 3rd party technologies

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