

Tests with our long range Laser camera at day to test the new see through fog technology



Foggy day with haze and fog over the sea area close to the coast line and camera in normal color mode. Large field of view. Here the active laser is off as we operate in day time. At nights we can use laser to over 2 Km in distance.



Here we zoom up a lot and at right image we see a weak structure behind the fog.



Here we turn fog function on and suddenly the image quality get dramatically better. This is a mix of optical tricks and software that makes this possible. Fog view is always monochrome.



Here we have largest zoom of the 750 mm lens and details are very much better than standard camera settings. This image quality is very hard to get with a thermal camera and we have no problems with warm mist and fog as thermal cameras have. Distance is several Km but still we can see people on boats and in water. We need no heat contrast to see.

**Laser cameras**

LaserCatch 2000 have a day and night operation 24/7 and 2000 range in total darkness by its own illumination.

At day it use a color zoom camera like most other cameras do

But

We have the see through Fog special function that remove most of fog and haze at day time. The images showed a bit of the output



In Night mode we have a laser illumination system that gives a very high quality of images. The people at right are at 1500 meter in distance and we used a 1000 large zoom here to get an image that can identify people at this long range.

Cameras have advanced computer control and pan and

tilt units that can be externally controlled by radar aiming or just Lat + Long info.



See through Fog camera system

2013-05-21 Page 4 of 4

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