

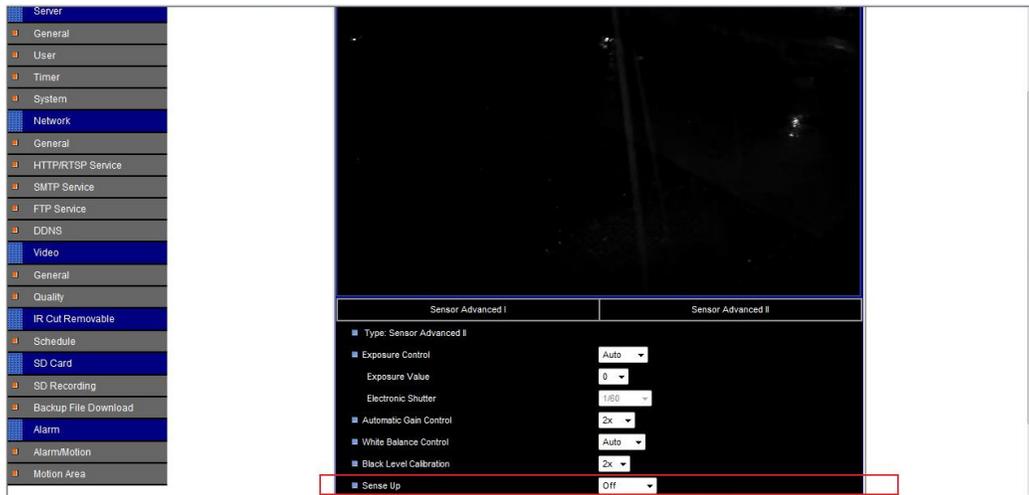
Merit Lilin Technical Support Document

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Subject: How to increase visibility for LILIN CMOS HD IP camera at low light environment.

Summary: This document describes “Sense up” technology for LILIN CMOS HD IP camera. At low light environment, if the IR range of an IR camera can not cover the environment. “Sense up” technology can come into play for increasing sensitivity. The follow graphics demonstrate “Sense p” technologies.

Example #1: IR feature on with Sense up off



Example #2: IR feature on with Sense up 3 frames



Example #3: IR feature on with Sense up 7 frames

The screenshot displays a camera configuration interface. On the left is a vertical sidebar menu with various settings categories. The main area is split into a top video feed and a bottom settings panel. The video feed shows a dark, outdoor scene with a brick-paved area and some foliage. The settings panel is titled 'Sensor Advanced I' and 'Sensor Advanced II'. It contains several configuration options, each with a dropdown menu. The 'Sense Up' option at the bottom is highlighted with a red box and is set to '7 Frames'.

Setting	Value
Type: Sensor Advanced I	
Exposure Control	Auto
Exposure Value	0
Electronic Shutter	1/50
Automatic Gain Control	2x
White Balance Control	Auto
Black Level Calibration	2x
Sense Up	7 Frames