



AUTO-SYNC FOCUS



Forget about manual lens adjustment ...

"Auto-Sync Focus" cameras are the next generation of vari-focal cameras. "Auto-Sync Focus" cameras are designed to make the camera installation simple and quick.... **Forget about the time consuming process of adjusting the lens' zoom and focus!** These cameras include an advanced Auto-Sync Focus lens which allows you to adjust the camera view in seconds. You just need to choose the desired zoom position and the camera automatically selects the optimal focus. The lens' zoom control can be adjusted either locally using the camera cable joystick or the OSD Controller or remotely from the DVR using the RS-485 controller.



Auto-Sync Lens

Auto-Sync lens can be controlled using both the camera cable joystick or via RS-485. Unlike traditional vari-focal cameras, which need to be adjusted manually, Auto-Sync's new vari-focal cameras automatically adjust the focus. The cameras have been designed so that the lens maybe adjusted in 2 different ways for maximum installation convenience:

Remotely:

With Rs-485 control, from your DVR or PTZ controller.



Locally:

From the camera cable for zoom control or by using our 9 keys controller for full camera functionality control including zoom and OSD.

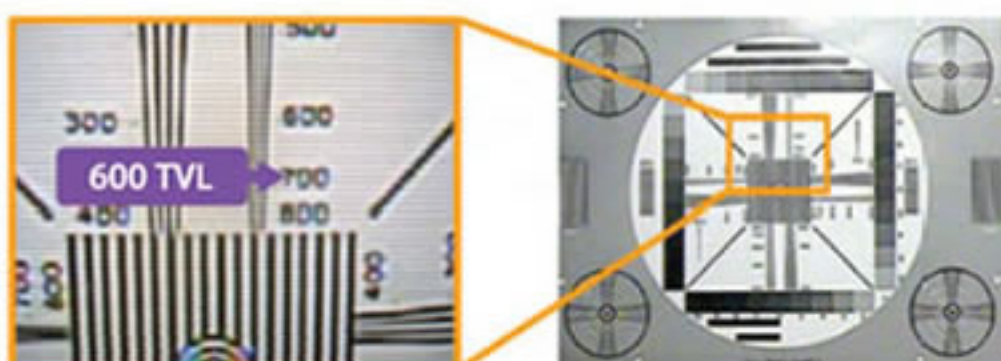
Auto-Sync Focus Cameras Main Features:

- 600 TVL resolution
- OSD control
- RS-485 control
- HLC-Headlights compensation
- 2D-DNR (Digital Noise Reduction)
- Intelligent IR(IR Cameras)
- Motion detection
- Digital WDR
- Auto-Sync Focus lens



600TVL

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D-WDR

Digital WDR is the digital answer for wide range scenes. The optimization for wide range image in these cases is done using software and not through 2 exposures a sit is done in true WDR cameras.

While Digital WDR cannot achieve WDR performance of the quality as UltraVision true WDR cameras, but it is still provides a decent improvement in wide range scenes



Conventional DSP



Auto-Sync Focus

2D-DNR

2D-DNR helps to Keep the image sharp and clear from noises even under low light conditions



Conventional DSP



Auto-Sync Focus

Color rolling control

Fluorescent light is one of the most challenging light conditions for CCD cameras, due to its high-speed flickering (100/120 per second) which cannot be detected by the human eye is picked up by the CCD sensor. Moreover, fluorescent light waves are not homogenous and the "white light" we see is actually built from a wide light spectrum (400-700nm) with each point on the wave represented by different lightwave frequencies which produce different colors.

Color rolling is a phenomenon cause under fluorescent light condition and shown as cycle changing of the image colors shade. It is easily noticed when viewing white objects and can show up in different levels.

Color rolling control is a special mode in the camera OSD which helps to dramatically reduce this unwelcome phenomenon.



Conventional DSP



Auto-Sync Focus

HLC-Headlights compensation

Headlight compensation, also known as "Eclipse," helps to improve images in cameras dazzled by strong front light.

HLC "paints" over overexposed parts in the image in black so that the other parts can be seen more clearly



Conventional DSP



Auto-Sync Focus

OSD Menu

All Auto-Sync Cameras equipped with OSD on-screen display menu allowing camera functionality to be easily controlled and displayed on screen.

