centrix

CENTRIX TECHNICAL WHITE PAPER:
Widelux Technology

Why use two camera, when you can do it with one?

Widelux outperform other WDR cameras

Centrix Widelux camera offers

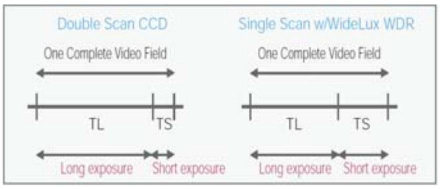
Remarkable WDR performance

+

Extreme low light capability

MODELS:
WV300N,IR WV550IR-12/50, WV560, FV55N-24, FV58N-24,

REMARKABLE WDR PERFORMANCE



Widelux technology offers a different solution to what Sony Double Scan technology has been offering all these time. How is this possible is by utilizing SONY SUPER HAD II + Centrix's own advance DSP processor.

PIXIM WDR

SONY DOUBLE SCAN

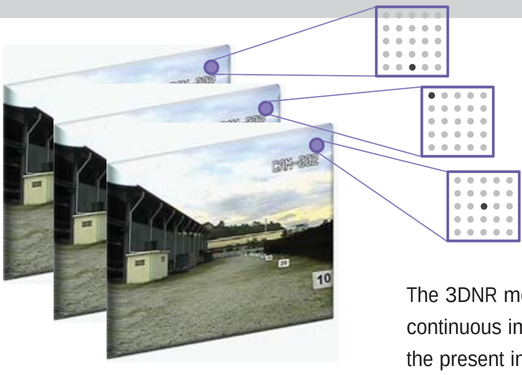
WIDELUX

EXTREME LOW LIGHT PERFORMANCE

- Color mode could still be used even in very low lighting condition
- Improved on the performance of IR distances of the camera.
- Less IR Led is needed for the same IR distance thus reducing heat as well as increasing the lifespan of the IR LED
- Reduce total power consumption of installation as less IR will be needed for the installation.

3DNR (NOISE REDUCTION)

- 2DNR blurs the image as it takes the adjacent pixel to reduce the effect of the noise but 3DNR increase the sharpness of the image as it reduces noise without reducing image quality.
- By reducing noise, recording size could be reduce significantly especially in H.264 compression.
- Improves the night performance of the camera.
- Most image stabilizer of the past utilizes mechanical image stabilizer which moves the CCD to compensate the movement of the camera.



The 3DNR method utilizes multiple continuous image frames to adjust the present image frame.

DIGITAL IMAGE STABILIZER (DIS)

DIS crops 10% of the image to compensate the movement of the camera.

- Faster responses compares to mechanical image stabilizer
- No mechanical movement – less tear and wear.
- Reduces image shaking on pole installation
- Reduced ghosting effect in low lighting condition.