



# ULTRAVISION Break-through DSP



The best WDR performance ever seen together with superior image resolution providing the most accurate images...

UltraVision, Provision-ISR's latest camera offering, features our newest DSP chipset. This component integrates groundbreaking technologies, including extended dynamic range, enhanced low light sensitivity, super high resolution, advanced 3D-DNR and image stabilization and enables clear and accurate image capturing.

The benefits of this chipset also include: eclipse function, digital 10X zoom, vertical and horizontal flip, privacy masking, video motion detection and more. All features can be controlled from the OSD menu.



## Ultravision DSP Cameras Main Features:

650 TVL resolution  
Digital image stabilizer  
X10 Digital Zoom

WDR performance  
OSD control

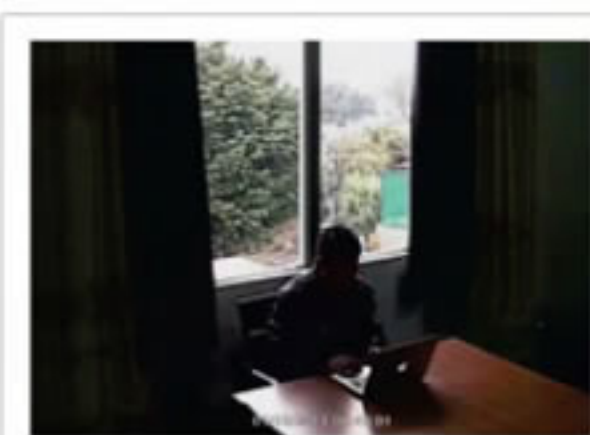
0.0003 lux sensitivity  
Motion detection & Privacy masking

3D-DNR (Digital Noise Reduction)  
Intelligent IR (IR Cameras)

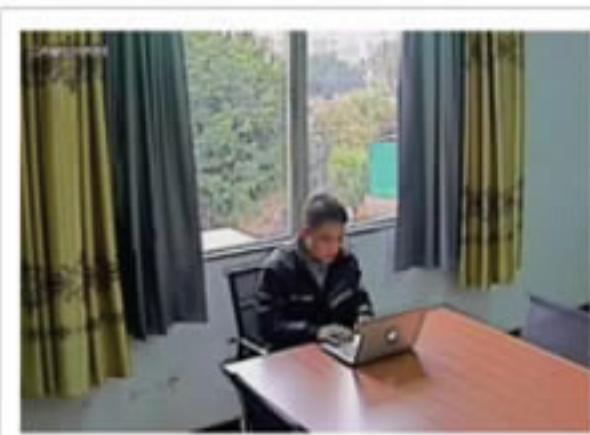
### WDR(Wide Dynamic Range)

- The best WDR solution ever seen! "UltraVision" DSP provides images with true and vivid colors in any condition even at extreme back-light circumstances.

#### Conventional DSP



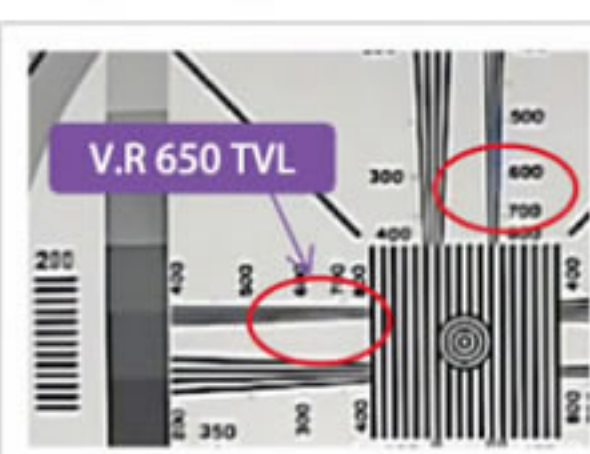
#### UltraVision DSP



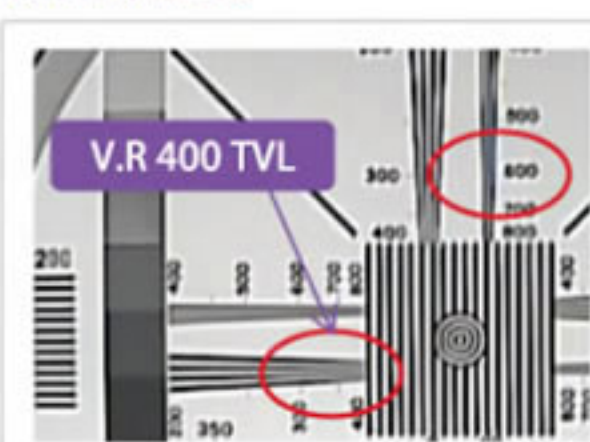
### 650TVL ULTRA HIGH H&V RESOLUTION

- While normal high resolution cameras provide only Horizontal high resolution, the "UltraVision" DSP can provide 650TVL for both Vertical and Horizontal resolutions. Comparing over all resolution "UltraVision" provides even higher resolution than standard 650TVL cameras.

#### UltraVision DSP



#### Conventional DSP



### HIGH SENSITIVITY TRUE DAY&NIGHT

- UltraVision's DSP provides superior performance even at extreme low Light situation down to 0.0003Lux (F.1 B&W with Sens-UP on)

#### Conventional DSP



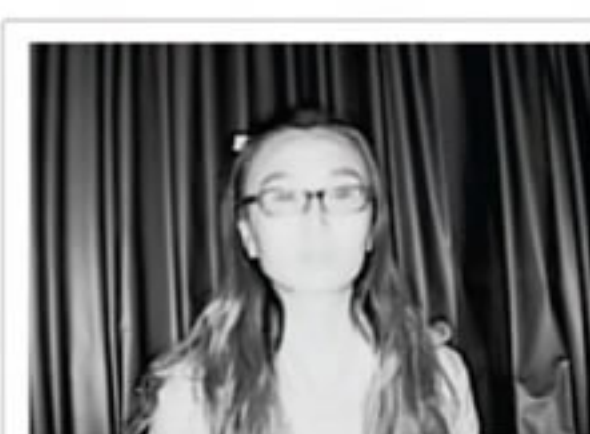
#### Ultravision DSP



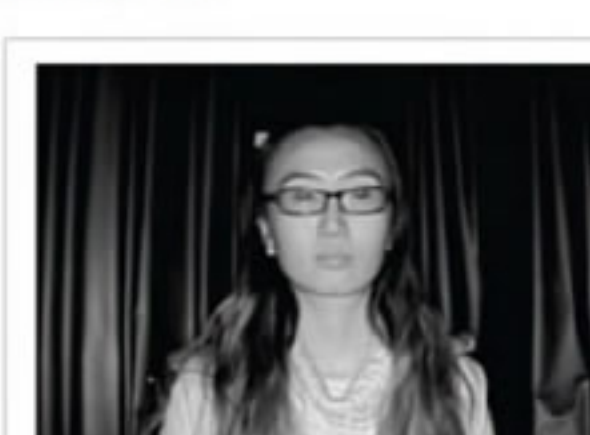
### INTELLIGENT IR

- UltraVision's DSP provides intelligent IR functionality to prevent saturated pixels caused by reflected IR light.

#### Conventional DSP



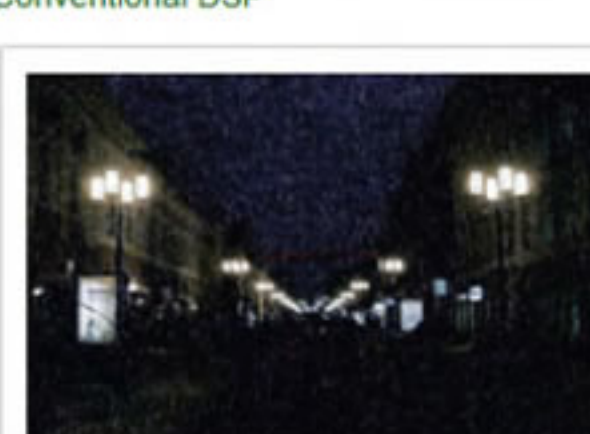
#### UltraVision DSP



### 3D-DNR (Digital Noise Reduction)

- "UltraVision" DSP is equipped with the most advance Motion compensated. 3D-DNR function, which results in superior noise reduction with less motion blurring artifacts even at extreme low-light situations.

#### Conventional DSP



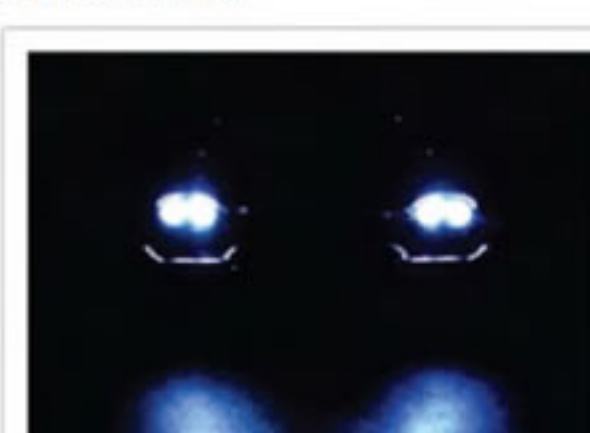
#### UltraVision DSP



### CAR PLATE RECOGNITION

- UltraVision's excellent WDR performance along with its HCR (Headlight Car Recognition) functionality provides the best solution for car plate recognition applications.

#### Conventional DSP



#### UltraVision DSP

