

# QT-890/WDR/HR/IR/VR Pixim Cameras



## Technical Specifications



IR CUT FILTER

WDR (WIDE DYNAMIC RANGE CAMERA )

ON SCREEN DISPLAY CONFIGURATION (O.S.D)

HIGH RESOLUTION INFRA -RED CAMERA 540TVL

NEW IMAGE SENSOR PIXIM TECHNOLOGY

The New Quaddrix QT-890/WDR/HR/IR/VR High resolution infrared Pixim camera is a great option for both indoor and outdoor applications due to it's IP66 environmental and vandal-proof protection.

This new model brings you the newest technology in image capture devices, high Quality video images due to its high resolution and WDR function.

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- QT-890/WDR/HR/IR/VR includes **WDR** Wide Dynamic Range Technology. Outstanding performance in strong backlight areas such as exterior light coming through a window or glass door. High contrast light conditions are not longer a problem when you need to capture detailed images.

- Environments with backlight



*\* with WDR*



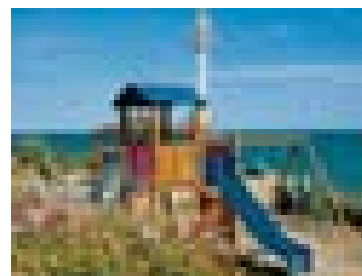
*\* No WDR*

You can get the highlights and shadow details (also in backlight images)

- QT-890/WDR includes **HR High Resolution**. Get over your image details and features, under unstable or variable lighting conditions, even in zooming events.



*\* with HR High Resolution*



*\* No HR High Resolution*

**Quaddrix**<sup>®</sup>  
Pixim Cameras

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### -890 includes **OSD On screen display**

The performance of this new QT-890 can be configured depending on the site conditions with its On Screen Display menu



### • QT-890 includes **Pixim's technology**

The new QT-890 incorporates the new Pixim DPS Ultra Wide Dynamic Range image sensor technology. This technology increases in a remarkable way the image quality delivered by this new image sensor device, providing clearer and way more detailed images than the ones delivered by the traditional CCD based cameras.



### • QT-890 includes **ICR Cut Filter**

Equipped with a built-in ICR filter providing a true day/Night function adjusting the image and light amount that reaches the camera image sensor from color (and in low light conditions) to black & white.



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Type	WDR High resolution IR Pixim Camera
Image Sensor	1/3" Pixim Orca DPS (Digital Pixel System)
Effective Pixels	720(H) x 540(V)
Signal System	PAL/NTSC
Resolution	540TVL
Sensitivity	0Lux (IR LED ON)
True Day Night	Yes (Auto)
Sensing Area	4,8mm x 3,6mm
Lens	9~22mm
S/N Ratio	more than 50dB
Shutter Speed	1/50(1/60) – 1/100.000sec
White Balance	ATW/AWB/MANUAL
WDR (Wide Dynamic Range)	Yes (102dB typical, 120dB max)
ICR Filter	Yes (Auto)
OSD	Yes
AGC	LOW / MEDIUM / HIGH / CUSTOM
Auto Iris	Yes (DC auto iris)
IR Wave Length	850nm
IR Irradiation Distance	40m ~ 50m
Sync Mode	Internal
Environmental protection	Yes IP 66
Operation temperature	-10~50°C
Power Requirements	200mA (IR Off); 600mA(IR On)
Power Consumption	12VDC

