

## WDR700VF 2.8-12mm auto iris varifocal lens

### Features

Pixim's patented Digital Pixel System (DPS) technology marks a fundamental breakthrough in imaging technology. Pixim® has created an image capture and processing system that provides high-quality pictures with enhanced dynamic range that significantly improves image quality in scenes consisting of both bright and dark areas. The core invention in DPS is the inclusion of an analog-to-digital converter (ADC) within each pixel of the image sensor. The ADC translates the light signal into a digital value at the immediate point of capture, thus minimizing signal degradation and cross-talk in the array and allowing for greater noise reduction methods.



(shown at actual size)

### Specifications

Pick-up Device	1/3" Pixim® ORCA CMOS (Dramatic Dynamic range sensor)
Signal System	NTSC
Horizontal Resolution	540 Horizontal TV Lines (color)
Vertical Resolution	460 VTVL
Total of pixels	742(H) x 552(V)
Lens	2.8-12mm Varifocal Lens
Sensitivity	0.08 Lux (DSS on) with F1.2 Lens
Scanning System	525 lines interlaced / 625 lines interlaced
Synchronization	Internal
Video Output	1.0Vp-p/75 ohm Composite
S/N Ratio	53dB or more
Dynamic range	120dB (max.), 102dB (typical)
Shutter Speed	1/60 - 1/100,000 / 1/50 - 1/100,000
AGC Control	0 - 60dB
OSD Menu Control	4-Directional switch with a center push TACT
Voltage Requirements	12V DC (8V - 18V)
Power Consumption	2.7W Max.
Operating Temperature	-14° F ~ 122° F
Storage Temperature	-4° F ~ 158° F
Operating Humidity	Under 90% non-condensing
Storage Humidity	Under 95% non-condensing
Dimensions	2.5" L x 1.5" W x 1.5" H



Speco Technologies is constantly developing product improvements.

We reserve the right to modify product design and specifications without notice and without incurring any obligation.

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For more information contact Speco Technologies

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