



(Lens not included)



Lighting conditions play a critical role in producing useable video images in a surveillance system. The VITEK VTC-C770WDR Surveillance Camera was created to meet and solve the challenges brought on by varying lighting conditions within a single capture area. By use of the PIXIM Seawolf Wide Dynamic Range DSP we are able to control and display clear crisp images in varied lighting conditions more accurately than ever before. Its improved resolution of 700TV Lines is unequalled by any other WDR Surveillance camera on the market. Advanced on screen display and True ICR Day/Night function are among the many other features which place this camera at the best in its class.

## FEATURES

- Pixim D8800C Seawolf Digital Imaging System CMOS
- 700TVL High Resolution
- On Screen Display (OSD) Menu
- 3DNR - Three Dimensional Motion Adaptive Noise Reduction
- UTC CONTROL - Serial Control over Coax
- 0.00008 Lux (F1.2@40IRE using sense-up)
- Supports C/CS mount DC drive lenses
- Supports NTSC & PAL Standards
- 4:3 / 16:9 Ratio Scaled Video Output
- CRT / LCD Selectable Video Output Optimization
- 10 - bit ITU DSP
- 4 Metering Zones for WDR Optimization
- 24VAC (245mA / 5.88VA) & 12VDC (300mA / 3.6W)

Example of WDR:



Conventional Camera

VTC-C770WDR

DIGITAL  
**PIXEL**  
SYSTEM  
FROM PIXIM

**WDR**  
Wide Dynamic Range

700  
HTVL  
Effective



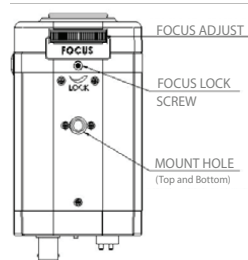
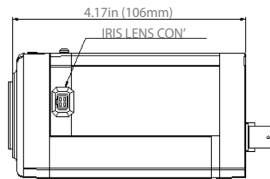
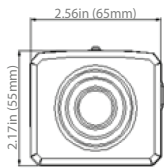
# VTC-C770WDR

## WDR True Day and Night (ICR) Camera

### Detailed Specifications

### VTC-C770WDR

Image Device	Pixim D8800C Seawolf Digital Imaging System CMOS
Effective Pixels	758(H) x 540(V)
TV System	NTSC   PAL
Scan Frequency	59.94HZ(V), 15.734KHZ(H)   50HZ(V), 15.625KHZ(H)
Synchronization	Internal / Line Lock (phase adjust)
H. Resolution	700TVL
Sensitivity	0.00008Lux at F1.2@40IRE, 32x (DSS+ICR mode)
S/N Ratio	More than 50dB with AGC OFF at 50IRE
White Balance	2,000 ~ 11,000K Automatic tracking / AWB / MANUAL
WDR Mode	[Low / Middle / High / Custom (User adjustment)]
Motion Detection	On / Off (4 Programmable Zone)
Digital Zoom	Up to X12 Digital Zoom
FLIP	OFF / H-FLIP / V-FLIP / H/V-FLIP
Privacy Zone	On / Off (6 Programmable Zone)
Auto Iris Control	DC Drive Iris Control
SLOW SHUTTER	2 ~ 32X
Day & Night	Infrared Cut-Filter Removable built-in
Video Output	VBS 1 Vpp +/- 10%, 75ohm
Lens Mount	C/GS (C-mount ring - optional)
Operating Power	24VAC (245mA / 5.88VA) & 12VDC (300mA / 3.6W)
Operating Condition	-4°F ~ 122°F / -20°C ~ 50°C, 85% RH. Max. Non-condensing
Dimensions (W x H x L)	2.56in x 2.17in x 4.17in (65mm x 55mm x 126mm) About 9.5 oz (270g) (Net)



### Additional Accessories

#### LENSES



Model No.	VTL-3085AN-IR	VTL-2812AN/IR	VTL-7550AN/IR
Size	1/3"	1/3"	1/3"
Iris	Auto	Auto	Auto
Focal Length	3.5-8.0mm	2.8-12mm	7.5-50mm

#### HOUSINGS

Packages include:  
VT-EH10  
VT-HMT8



Model No.	VT-EH10/PK	VT-EH10/PK-HB includes VT-B/H-24
Style	Indoor/outdoor	Indoor/outdoor w/Heater & Blower
Construction	Aluminum	Aluminum
Weather Resistance	IP65	IP65

