

## The Intensifier™ 2 Series



**HTINTB1**  
2.8-12mm auto iris lens  
**HTINTB2**  
5-50mm auto iris lens



**HTINTT5** (shown with optional lens)  
accepts C & CS type lenses



**Tamperproof!**  
**HTINTD3**  
2.8-12mm auto iris lens

### Features

#### *See In The Dark Without IR LEDs\**

**Intensifier™ 2:** Amplifies and maximizes existing light to generate pictures where other cameras can not.  
*\*Sensitivity down to 0.002 lux, in color!*

**Featuring HLC:** For enhanced backlight operation

**Digital Image Stabilization and Advanced Noise Reduction Circuitry:** Eliminates blur

**Relay Outputs:** Triggered by built-in video motion detection

**SLC – Speco Light Compensation:** WDR adjustability for your toughest back lit situations

**Super High Resolution:** Horizontal resolution of 580 TV lines is achieved by using a Sony Super-HAD™ (410,000 pixels) CCD with a customized DSP behind it.

**OSD (On-Screen Display):** All camera functions are controlled using an "easy to follow" OSD  
The OSD can be controlled using:

- On-board pushbuttons on the traditional models
- Wireless IR remote control and receiving mouse on the bullet and dome models (included)
- Pelco "D" protocol from a DVR on the bullet and dome models

**S-DNR (Dynamic Noise Reduction):** Reduces video noise and snow in low light situations

**Day/Night Setting:** Camera can always remain in color or automatically switch into the B/W mode in low light situations. The choice is yours. Remember that nighttime color is dependent upon environmental conditions.

**Dual Voltage Operation:** Operate the Intensifiers on 12 volts DC or 24 volts AC to suit your application

**Line Lock:** Automatically sensed and activated in the 24V AC mode of operation

**Detail (Sharpness) Settings:** User adjustable through the OSD to maximize the picture quality

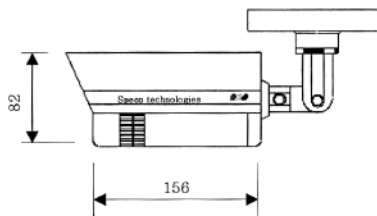
**Full Adjustability:** The dome and bullet cameras are easily adjustable for wall and ceiling use... both indoors and outdoors

**Camera Titles:** Identify each camera in a multi-camera system

INTENSIFIER™ 2 SERIES

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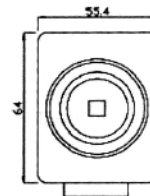
\* SIDE VIEW : HTINTB1



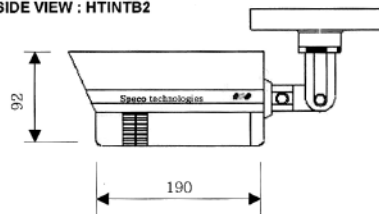
\* SIDE VIEW : HTINTD3 & D4



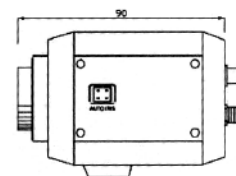
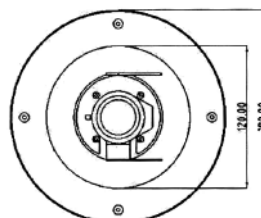
\* SIDE VIEW : HTINTT5



\* SIDE VIEW : HTINTB2



\* TOP VIEW : HTINTD3 & D4



### Specifications

Resolution	580 TV lines
Image Sensor	1/3" Sony HQ-1™ CCD with customized DSP (410K pixels)
Minimum Illumination	0.002 lux (Intensifier™ 2 mode) @ 256X
Total Pixels	811 (H) x 508 (V), 1/3" CCD
Effective Pixels	768 (H) x 494 (V), 1/3" CCD
Maximum Aperture Ratio	1:1.3 - 2.0
Lens Type	HTINTB1 & HTINTD3: DC varifocal auto iris 2.8-12mm HTINTB2: DC varifocal auto iris 5mm-50mm HTINTT5 accepts "CS" type lenses
Scanning System	2:1 Interlace 525 lines / 60 Fields / 30 Frames
Synchronization	Internal / line lock selectable
Video Output	1.0 V(p-p) NTSC composite, 75Ω / BNC connector + video test port
HLC/SLC (Speco Light Compensation)	Advanced backlighting controls
Gain Control	AGC-L, AGC-H, AGC-M OFF, selectable
Electronic Shutter Speed	1/60 - 1/200,000 sec.
Intensifier	Built-in (selectable from 2x - 256x)
White Balance	ATW / AWC / MANUAL
S/N (Y signal)	52 dB (weight on)
S-DNR Video Noise Reduction	ON / LOW / MIDDLE / HIGH
Power Source	12 Volts DC and 24 Volts AC, internal isolation (Dual Voltage)
Power Consumption	350mA
Motion Detection	8 adjustable zones - relay outputs
On-Screen Display (O.S.D.)	Built-in
Privacy Function	ON / OFF (8 programmable zones)
Operating Temperature	-20°F to +120°F
Operational Humidity	95% RH