



# WatchNET

Integrated Digital Technologies



WPT-27SH

CE FC



**High Speed PTZ  
High Sensitivity  
Color Zoom Camera**

### Features:

- ❖ 1/4" SONY Super HAD CCD
- ❖ Built in Auto Focus / Auto Iris
- ❖ 27x Optical Power Zoom Lens
- ❖ 10x Digital Zoom (220x Zoom)
- ❖ Day & Night (Digital Slow Shutter)
- ❖ OSD (On Screen Display), 64 Preset Mode
- ❖ Min. Illumination: 0.001 Lux (DSS)
- ❖ IP66 Rated
- ❖ 540 TV Lines

www.watchnetdvr.com

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Division of:  
**Videon**  
 Integrated Digital Technologies Ltd.



## Specifications:

|                          |  |                       |
|--------------------------|--|-----------------------|
| Signal System            | NTSC : 525 Lines                                 | PAL : 625 lines       |
| Scanning System          | 2:1 Interlace                                    |                       |
| Scanning Frequency (H)   | 15.734 KHz                                       | 15.625 KHz            |
| Scanning Frequency (V)   | 59.94 Hz   | 50 Hz                 |
| Image Sensor             | 1/4 inch Interline Transfer SONY Super HAD CCD   |                       |
| Total Pixels Number      | 811(H) x 508 (V) 410K                            | 795(H) x 596 (V) 470K |
| Effective Pixels Number  | 768(H) x 494 (V) 380K                            | 752(H) x 582 (V) 440K |
| S/N Ratio                | More Than 48dB (AGC Off)                         |                       |
| Resolution               | Horizontal: 540 TV Lines                         |                       |
| Auto Exposure            | Automatic Level Control/Electronic Level Control |                       |
| Signal Process           | Digital Signal Process                           |                       |
| Auto Gain Control        | Yes  |                       |
| Wide Dynamic Range       | On/Off selected                                  |                       |
| Privacy Zones            | 8 privacy zones                                  |                       |
| Digital Noise Reduction  | Yes  |                       |
| Iris Control             | Yes  |                       |
| Alarm Output             | Minimum 1  |                       |
| Alarm Input              | Minimum 1  |                       |
| Panning Range and Speed  | 0 deg to 360 deg. max 240 deg per second         |                       |
| Tilting Range and Speed  | Horizontal to 90 deg down                        |                       |
| On Screen Display        | Yes, English                                     |                       |
| Video Output             | 1.0 Vp-p (75 Ohms, composite)                    |                       |
| Lens                     | 27x Optical Zoom (F1.6, f=3.9~85.8mm) Video AF   |                       |
| Digital Zoom             | 10x (Total Zoom Ratio: 220x), 2x ~ 10x Variable  |                       |
| Zoom Speed (Optical)     | 5.0 Sec  | 5.25 Sec              |
| Angle Of View            | Horizontal: 47 degree (wide) / 3 degree (tele)   |                       |
| Min. Shooting Distance   | 1 cm (Wide) / 1 meter (Tele)                     |                       |
| Min Illumination         | 0.001 Lux (DSS)                                  |                       |
| Sync System              | Internal / External (Line Lock, VD Lock)         |                       |
| Camera Control           | RS-232C TTL Level                                |                       |
| OSD (On Screen Display)  | On / Off   |                       |
| Back Light Compensation  | On / Off   |                       |
| Negative / Positive      | On / Off   |                       |
| Color / Black & White    | On / Off   |                       |
| Focus Mode               | Auto / Manual                                    |                       |
| White Balance            | Auto / Push Auto                                 |                       |
| Brightness Control       | Manual (Up - Down)                               |                       |
| Sharpness Control        | Manual (Up - Down)                               |                       |
| Shutter Speed (8 Steps)  | 1/60 ~ 1/10,000 Sec.                             | 1/50 ~ 1/10,000 Sec.  |
| Zoom / Focus Preset      | 64 Mode Set (Store Internal EEPROM)              |                       |
| Input / Output Connector | 9 Pin Flat Cable                                 |                       |
| Supplied Voltage         | DC 9V ~ 15V (Recommendation DC12±0.5V)           |                       |
| Power Consumption        | 24 Volt AC                                       |                       |
| Demensions (WxHxD)       | 49.2 x 53.2 x 86.6 mm                            |                       |
| Weight                   | Approx. 205g                                     |                       |

All product specifications on this brochure are subject to change without notice.