



# VEILUX®

## HIGH RESOLUTION VANDAL PROOF DAY & NIGHT CAMERA

### TPV-70CDNL2812D

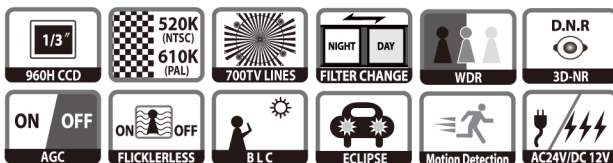
### SPECIFICATIONS

| ITEM                  |             | TPV-70CDNL2812D                                                                                                                                                                                                               |                  |
|-----------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| TV SYSTEM             |             | NTSC                                                                                                                                                                                                                          | PAL              |
| Sensor                |             | SONY 1/3" 960H (Super Exview HAD CCD II)                                                                                                                                                                                      |                  |
| Total Pixels          |             | 1020(H) X 508(V)                                                                                                                                                                                                              | 1020(H) X 596(V) |
| Effective Pixel       |             | 976(H) X 494(V)                                                                                                                                                                                                               | 976(H) X 582(V)  |
| Synchronization       | Internal    | H/V 15.734/59.94Hz                                                                                                                                                                                                            | H/V 15.625/50Hz  |
|                       | Line Lock   | H/V 15.750/60Hz                                                                                                                                                                                                               | H/V 15.625/50Hz  |
| Scanning System       |             | 2:1 Interlace                                                                                                                                                                                                                 |                  |
| Horizontal Resolution |             | 700 TV Lines (Max)                                                                                                                                                                                                            |                  |
| Min. Illumination     | Sens-Up Off | 0.12Lux(15IRE), 0.2Lux(30IRE), 0.4Lux(50IRE) F1.2                                                                                                                                                                             |                  |
|                       | Sens-Up On  | 0.0002Lux(15IRE), 0.0005Lux(30IRE), 0.0008Lux(50IRE) F1.2                                                                                                                                                                     |                  |
| Video Output          |             | 1.0Vp-p/75 Ohm Video 0.714Vp-p                                                                                                                                                                                                |                  |
| γ Correction          |             | 0.45, 0.5, 0.6                                                                                                                                                                                                                |                  |
| S/N                   |             | More than 52dB(AGC off)                                                                                                                                                                                                       |                  |
| O.S.D                 |             | Lens, E-Shutter, Backlight, WDR, AGC<br>Sens-Up, White-Balance, Day & Night<br>Motion, Mirror, Sharpness, Gamma, DNR, Freeze<br>Eclipse, Privacy, Communication, Nega, D-Zoom<br>Sync, Title, Language, DPC, Filter, DIS, LSC |                  |
| Electrical Shutter    |             | 1/60 ~ 1/100,00                                                                                                                                                                                                               | 1/50 ~ 1/100,000 |
| Privacy Masking       |             | 8 Windows (Polygonal, 8 Colors)                                                                                                                                                                                               |                  |
| Day & Night           |             | Color/ BW / Auto / Ext                                                                                                                                                                                                        |                  |
| Digital Zoom          |             | x1.0 ~ x10                                                                                                                                                                                                                    |                  |
| Motion Detection      |             | On / Off                                                                                                                                                                                                                      |                  |
| Protocol              |             | Pelco-D                                                                                                                                                                                                                       |                  |
| Sens-Up (low shutter) |             | Off ~ x512                                                                                                                                                                                                                    |                  |
| SYNC                  |             | Auto / Internal / Digital Line Lock                                                                                                                                                                                           |                  |
| White Balance         |             | ATW / AWC / MANUAL / PUSH                                                                                                                                                                                                     |                  |
| WDR                   |             | On / Off (WDR Level, Weight)                                                                                                                                                                                                  |                  |
| WDR Level             |             | 120 dB Max.                                                                                                                                                                                                                   |                  |
| 3D-DNR                |             | On / Off (Off, Low, Mid, High)                                                                                                                                                                                                |                  |
| Operating Temp/Hum    |             | -20° ~ 60° / 30% ~ 80%                                                                                                                                                                                                        |                  |
| Storage Temp/Hum      |             | -30° ~ 60° / 20% ~ 90%                                                                                                                                                                                                        |                  |
| Dimensions (mm)       |             | 145(D) X 106(H)                                                                                                                                                                                                               |                  |
| Weight                |             | Approx 1,100g                                                                                                                                                                                                                 |                  |



### FEATURES

- Sony 1/3" 960H (Super EXview HAD CCD II)
- High Resolution 700 TV Lines
- WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Sens-Up Function (x512)
- Eclipse Function
- Zero Defect
- Day & Night (ICR)
- Motion Detection
- Internal/Line Lock Function
- Back Light Compensation
- PELCO-D / RS485
- Privacy Mask (Polygonal, 8 Colors)
- OSD Menu Function
- 3-Axis Gimbal & Vandalproof Dome Case
- DIS (Digital Image Stabilization)
- LSC (Lens Shading Compensation)



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