

| Model               | HD20D4V100                     | HD20D4F200         | HD20D4S200         | HD20D4SH200        | HD20D4K500         | HD20D4S500         |
|---------------------|--------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Image Sensor        | 1/4" CMOS sensor               | 1/2.7" CMOS Sensor | 1/2.8" CMOS Sensor | 1/2.8" CMOS Sensor | 1/2.7" CMOS Sensor | 1/2.9" CMOS Sensor |
| Sensor Brand        | OV                             | Silicon            | Sony               | Sony               | Silicon            | OV                 |
| HD Video output     | AHD/CVI/TVI                    | AHD/CVI/TVI        | AHD/CVI/TVI        | AHD/CVI/TVI        | AHD/CVI/TVI        | AHD/CVI/TVI        |
| Image Resolution    | 720P                           | 1080P              | 1080P              | 1080P              | 5MP                | 5MP                |
| OSD Menu            | No                             | Yes                | Yes                | Yes                | Yes                | Yes                |
| WDR                 | No                             | DWDR               | DWDR               | DWDR               | DWDR               | DWDR               |
| Effective Pixels    | 1305(H)x977(V)                 | 1930(H) × 1088(V)  |                    |                    | 2592(H) × 1944(V)  |                    |
| TV System           | PAL/NTSC                       |                    |                    |                    |                    |                    |
| S/N Ratio           | More than 62 dB                |                    |                    |                    |                    |                    |
| Scanning System     | Progressive Scan               |                    |                    |                    |                    |                    |
| Synchronization     | Internal                       |                    |                    |                    |                    |                    |
| Noise Reduction     | DNR                            | DNR                | DNR                | 3D NR              | DNR                | DNR                |
| White Balance       | Auto/Manual                    |                    |                    |                    |                    |                    |
| Gain Control        | Auto                           |                    |                    |                    |                    |                    |
| Picture Adjustment  | Yes                            |                    |                    |                    |                    |                    |
| <b>IR Features</b>  |                                |                    |                    |                    |                    |                    |
| Infrared LED        | 14μX12PCS                      |                    |                    |                    |                    |                    |
| Max. IR LEDs Length | 20m, Smart IR                  |                    |                    |                    |                    |                    |
| IR Status           | Under 10 Lux by CDS            |                    |                    |                    |                    |                    |
| IR power on         | CDS Auto Control               |                    |                    |                    |                    |                    |
| Day/Night           | IR cut filter with auto switch |                    |                    |                    |                    |                    |
| <b>Lens</b>         |                                |                    |                    |                    |                    |                    |
| Focal length        | 3.6mm (2.8mm & 3.6mm optional) |                    |                    |                    |                    |                    |
| Lens Type           | Fixed                          |                    |                    |                    |                    |                    |
| Mount Type          | M12                            |                    |                    |                    |                    |                    |
| <b>General</b>      |                                |                    |                    |                    |                    |                    |
| Housing             | Metal                          |                    |                    |                    |                    |                    |
| Bracket             | Yes                            |                    |                    |                    |                    |                    |
| Power Supply        | DC12V,500mA                    |                    |                    |                    |                    |                    |
| Working Environment | -10°C~+50°C / 20%~95%RH        |                    |                    |                    |                    |                    |
| Storage Temperature | -20°C ~ +60°C RH95% Max        |                    |                    |                    |                    |                    |
| Dimensions(W×H×D)   | ∅ 94 x 69(H) mm                |                    |                    |                    |                    |                    |
| Weight              | 550g                           |                    |                    |                    |                    |                    |