

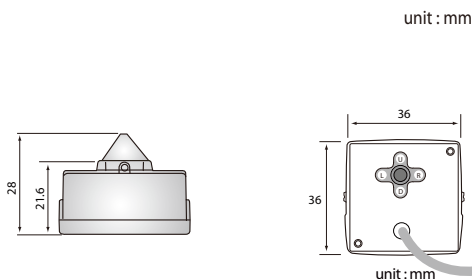
# Mega Pixel HD-SDI Camera

## AMH-HD320PC (DC12V)



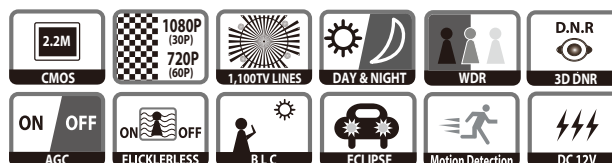
## Mega Pixel HD-SDI Day & Night Miniature Camera

### DIMENSIONS



### FEATURES

- 2.2M 1080P Full HD with SONY CMOS
- 4.3mm Con Pin Hole Mega Lens
- Day & Night
- WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction 2D + 3D)
- Privacy mask Function
- Intelligent motion detection
- Output:
  - Digital Output:HD-SDI
  - Analog Output : NT, PAL Composite(without WDR)
- Protocol(VISCA, PELCO-D, PELCO-P)
- Built-in OSD Controller



### SPECIFICATIONS

| AMH-HD320PC           |   |
|-----------------------|---|
| Image Sensor          | 1/2.8" SONY CMOS Sensor   |
| Total Pixels          | 2000(H) x 1121(V) = 2,24M pixels  |
| Active pixels         | 1936(H) x 1105(V) = 2,12M pixels  |
| Scanning system       | Progressive   |
| Resolution            | Digital ; 1920x1080p(1080p/30fps) , 1280x720p(720p/60fps)<br>Analog : 700TVL                                      |
| Min. illumination     | Color : 1.0 lux, BW : 0.5lux<br>Color DSS : 0.002 lux , BW DSS : 0.001 lux  |
| Video Output          | HD-SDI, BT.1120<br>Analog : NTSC, PAL(without WDR)  |
| S/N Ratio             | more than 50dB (AGC off)  |
| <b>Function</b>       |   |
| <b>EXPOSURE</b>       |   |
| MODE                  | Normal / Deblur   |
| BRIGHTNESS            | 0 ~ 20 steps  |
| SHUT SPEED            | Auto / Manual (1/30(1/25) ~ 1/60000)  |
| FLICKERLESS           | Off / On  |
| DSS                   | Off / x2 / x3 / x4  |
| AGC                   | Off / On  |
| WDR/BLC               | Off / WDR / BLC   |
| DAY&NIGHT             | Auto / Day / Night / Ext-in   |
| WHITE BAL             | Auto / One Push / Manual / Indoor / Outdoor   |
| <b>IMAGE</b>          |   |
| HLC                   | Off / On  |
| DNR                   | Off / Low / Middle / High / Auto  |
| MIRROR                | Off / H / V / H&V   |
| SHARPNESS             | 0 ~ 10 steps  |
| ACE                   | Low / Middle / High   |
| DEFOG                 | Off / On(Auto / Manual)   |
| FREEZE                | Off / On  |
| GAMMA                 | 0.45 / 0.50 / 0.55 / 0.60 / 0.65  |
| E.ZOOM                | Off / Max. x2 ~ x32   |
| <b>INTELLIGENCE</b>   |   |
| PRIVACY               | Off / On (24 points)  |
| MOTION                | Off / On (3 points)   |
| <b>SPECIAL FUNC</b>   |   |
| DEFECT                | One Push  |
| SYSTEM                | NTSC / PAL  |
| HD FORMAT             | 1080P / 720P  |
| COMM                  | Baud Rate : 2400 / 4800 / 9600 / 19200 / 38400 / 57600 / 115200<br>Protocol : VISCA / Pelco-D / Pelco- P / Update |
| <b>Electrical</b>     |   |
| Power Source          | DC12V±10%   |
| Power Consumption     | DC12V 120mA   |
| <b>General</b>        |   |
| Lens                  | 4.3mm Con Pin Hole Mega Lens  |
| Power Input           | Connector   |
| Video Output(HD-SDI)  | MMCX Connector  |
| Operating Temperature | -10℃ ~50℃ (Humidity : 0%RH ~ 80%RH)   |
| Storage Temperature   | -20℃ ~60℃ (Humidity : 0%RH ~ 80%RH)   |