



HDB-2000MIR720

Article-No.: 200810

1/3" HD-SDI Camera, Day&Night
1280x720, 2.8-10mm, 3D-DNR,
IR-LED, RS-485, 12VDC/24VAC

Mainfeatures

1/3" 1.3 megapixels Progressive Scan CMOS sensor
1.5G HD-SDI video transmission via coax cable
D-WDR (Wide Dynamic Range)
Wall or ceiling mount, hidden cable routing
IP68, zoom and fokus externally adjustable

Resolution max. 1280 x 720 (HD 720p)
Removeable infrared cut filter (ICR)
Integral motion detection
Integral IR LED illumination (40 LEDs 850nm)
Electronic focussing aid

Specifications

| | |
|------------------------------------|----------------------------------------|
| Series | eneo HD-SDI |
| System | day&night |
| Sensor size | 1/3" |
| Imager | CMOS |
| Imager | Panasonic Progressive Scan CMOS imager |
| Active picture elements | 1280(H) x 1024(V) |
| Signal-to-noise ratio | -50 db |
| Resolution | 1280x720 (16:9) |
| Frame rate | 720 @ 50/60p |
| Sensitivity (at 50% video signal) | 0,003 Lux |
| Sensitivity (at 50% video signal) | at F1.4 (B&W) |
| Exposure modes | automatic, shutter priority |
| Automatic electronic shutter (ESC) | 1/50 - 1/50,000sec. |
| Low speed shutter | yes |
| Low speed shutter | 2x - 30x |
| Automatic gain control (AGC) | OFF / Low / High selectable |
| Digital Noise Reduction (DNR) | yes |

Specifications (continued)

| | |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Digital Noise Reduction (DNR) | 2D & 3D, adjustable gain |
| Mirror function | V flip, flip, rotation |
| White balance | ATW, outdoor, AWC (Hold), manual |
| Backlight compensation | BLC, HS BLC (eclipser) |
| Wide Dynamic Range (WDR) | D-WDR |
| IR cut filter | switchable |
| Video outputs | HD-SDI |
| Lens type | varifocal |
| Focal length | 2,8 mm - 10 mm |
| Aperture range (F) | F1.4 |
| e-PTZ support | no |
| Digital zoom | no |
| Horizontal angle of view | 81,2° - 27° |
| MOD (Minimum object distance) | 0,5 m |
| Filter screw size | not available |
| Illumination | infrared |
| Illumination | 40x LED's 850nm. Due to an integrated light sensor the LED illumination will be switched ON/OFF, depending on environmental illumination conditions |
| Menu languages | English, German, French, Italian, Spanish, Polish, Japanese, Chinese |
| OSD function control | AGC, motion detection, DNR, brightness, sharpness, shutter control, H/V flip (mirror picture), Rotation, day&night, privacy zones, white balance |
| Text display | camera title |
| Activity detection | yes |
| Motion detector | 3 zones, ON/OFF switchable |
| Serial interfaces | RS-485 |
| Serial interfaces protocols | Pelco D |
| External adjustments | menu |
| External connections | RS-485, voltage input, HD-SDI BNC output |
| Mounting | wall mount, ceiling mount |
| Temperature range (operation) | -20°C ~ +50°C |
| Housing material | aluminium |
| Housing | outdoor |
| Integrated wall mount | yes |
| Hidden cable management | yes |
| Sunshield | yes |
| Window heater | no |
| Colour (housing) | Pantone 7541 |
| Vandalism resistant | no |
| Protection rating | IP68 |
| Alarm inputs | no |
| Alarm outputs | no |
| Supply voltage | 12VDC, 24VAC |
| Supply voltage | (+/- 15%) 50Hz |
| Power consumption | 10W |
| Dimensions (HxWxD) | 100x107,8x277mm |

Specifications (continued)

| | |
|------------------|---------------------------------------------------------------------|
| Weight | 1.35kg |
| Parts supplied | manual, screw set, allen key, mounting plate, Video sub-out cable |
| Special features | Exact focus setting aid, Focus and zoom adjustable from the outside |
| Certificates | CE |

Optional Accessories

| Image | Artikel-Nr. / Typ | Description |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------|
|  | VT-PS12DC-9 | Plug-in Power Supply Unit 100-240VAC 12VDC (1.0Amp), Regulated, w. open Ends |
|  | NE-132/AC24V | Power Supply Unit 230VAC/24VAC (1.0A) |
|  | PM-42 | Pole Mount Adapter, for Housing Series Candid, W3 Plug&Play |
|  | HDA-1004D | |
|  | HDA-1001E | |
|  | HDA-1002EC | |



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