



Features

- **High Definition Mega Pixels HD-SDI Camera**
- **1/3" Progressive scan CMOS Sensor**
- Max. 1280(H) x 720(V) 1.3 Mega Pixels
- TDN(ICR), DSS, OSD
- Excellent low light sensitivity (0.05Lux,, B/W)
- 3D-DNR, BLC, Digital Zoom (Max. 20x)
- Motion Detection, Privacy Zone, Mirror Function
- **1.3 Mega-Pixels real time with coaxial cable**
- Non Compression digital streaming up to 1.5Gbps
- 1CH audio support
- 1CH CVBS output support
- RS-485 (Pelco-D) Protocol

High quality Mega pixels image

HGP2030F provides high definition image up to 1.3 Mega pixels via HD-SDI interface with conventional coaxial connection. Basically, it supports up to 1280x1024(aspect ratio 4:3) also cropped 720P 16:9 aspect ratio which is HDTV standards.



Digital Zoom image



1.3 Mega-pixel image

Progressive scanning & High Performance Low light sensitivity

HGP2030F's progressive scanning provided much clearer monitoring image with flicker-free Noiseless and CNB proprietary DSP technology up to 0.05Lux even CMOS Image sensor.



Progressive scanning

Interlaced scanning



Progressive scanning

Interlaced scanning

Specifications

HGP-2030F		Specifications
Camera	Signal System	Progressive image processing
	Scanning System	4:3 Progressive
	Image Sensor	1/3" Progressive CMOS Sensor
	Sync. System	Internal
	Effective Pixels	1280 (H) x 1024 (V) 1.3 Mega
	Horizontal Resolution	800 TVL(4:3 Chart/SXGA Mode), 700TVL(16:9 Chart/720P Mode)
	Video Output Level	Digital output HD-SDI Select NTSC/PAL 1.0Vp-p (BNC 75Ω, composite)
	Lens Mount	CS Mount Mega-pixels Lens, DC Iris (Recommend Lens), Manual Iris
	Day & Night System	ICR(AGC Type)
	Min. Illumination	0.5Lux (Color), 0.1Lux (B/W), 0.05Lux(DSS On), F1.2, 30IRE
	Back Light Compensation	On/Off
	Flickerless	On/Off
	White Balance	Auto (1900K ~ 12000K) / Manual
	Exposure	Auto/Manual
	Functions	B/W, Privacy Mask, Image Mirror, 3D-DNR
	Electronic Shutter Speed	NTSC : 1/2 ~ 1/48000 PAL : 1/2 ~ 1/50000
SDI	HD Format	1280 x 720P @50, 60 / YCbCr 4:2:2 16bit 74.25MHz
	SDI Output	SMPTE 292M (1.485Gbps) : 1280x720P @50,60 800mVp-p, 75Ω, unbalanced generator (single-ended)
CVBS	NTSC/PAL	1CH Video BNC Out, Analog Composite(1V±0.2Vp-p)
Video / Audio	Input (Selectable)	Line level Audio (1Vrms) 1ea, Microphone (Built-in) 1ea
	Digital Interface	16, 20, 24 bit audio format, 48KHz
	Gain	12 ~ -34.5dB(Line in)
Control Interface	RS-485	PELCO-D (2400~38400bps)
Mechanical	Dimensions	71 (W) x 65 (H) x 143.9(D)mm
	Operating Temperature	-10°C ~ 50 °C
	Power	DC12V / Max. 3W

Dimensions

