

IT-VCHD710-SDI



Main Features

● 3G-SDI

Support 3G-SDI, max support to 1080@60fps uncompression original video signal, and compatibility all HD-SDI format.

● Completely New Look

Designed with worm gear drive, completely new look, mini size, two colors for choosing from.

● 1080P Full HD

Apply Panasonic's 1/2.7 inch, 2.07 million effective pixels high quality HD CMOS sensor, can reach maximum 1920 x 1080 high resolution and achieve quality image.

● Ultra-high Frame Rate

The output frame rate up to 60fps in 1080P.

● 72.5° Wide-angle Lens + 16x Digital Zoom

Use 72.5° wide-angle high quality lens, support 12x optical zoom, and 16x digital zoom.

● Low-light

High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions, picture can still keep clean and clear.

Camera

Video System	1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25
Sensor	1/2.7", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens	12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8
Digital Zoom	16x
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	72.5° ~ 6.9°
Vertical Angle of View	44.8° ~ 3.9°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +30°
Pan Speed Range	1.7° ~ 100°/s
Tilt Speed Range	0.7° ~ 28°/s
H & V Flip	Support
Image Freeze	Support
Number of Preset	255
Preset Accuracy	0.1°

Input/Output Interface

HD Output	1x3G-SDI: BNC type, 800mVp-p, 75 Ω, Along to SMPTE 424M standard
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	JEITA type (DC IN 12V)

General Specification

Input Voltage	DC 12V
Current Consumption	1.0A (Max)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	12W (Max)
Size	128.5mm x 118.0mm x 156.2mm
Net Weight	0.9 Kg
MTBF	>30000h

