

SETHE FUTURE THROUGH EVERY ENDOSCOPE GENERATION



INSPIRA

PENTAX Medical INSPIRA™ Video Processor

The bridge for legacy endoscopes to next level image quality.

The gateway to tomorrow's cutting-edge technology in diagnosis and therapy.

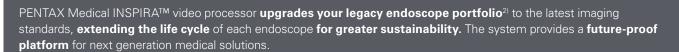
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PENTAX Medical INSPIRATM video processor is designed to boost **diagnostic and therapeutic capabilities** by providing **optimum image quality** for all PENTAX Medical endoscopes¹⁾. It paves the way for innovative technologies to improve clinical outcomes.

The PENTAX Medical INSPIRA™ video processor combines **cutting-edge functionalities** in one plug-and-play solution with **intuitive usability**. The **customisable** graphical **user interface** helps to focus on what is really important; the patient



1) 90i, i10, J10, 90K, i10c and i20c series endoscopes; 2) 90i, i10, J10, 90K and i10c series endoscopes; Not all models are compatible. For details, contact your local PENTAX Medical service facility.

Inspired by #PENTAXMedicalTripleAim

PENTAX Medical INSPIRA™ Video Processor (EPK-i8020c)

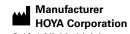
PARAMETERS	VALUES	
Power supply	Voltage	100 – 240V ±10%
	Frequency	50/60 Hz ±1 Hz
	Rated Input	380 VA
Dimensions (W×H×D)	400×205×520 mm	
Net weight	24 kg	
Illumination	LED lightsource	
User interface	7 inch customizable touchscreen with individual profile setting	
Image enhancement	i-scan (Surface Enhancement, Contrast Enhancement, Tone Enhancement), OE-Optical Enhancement (Mode 1 & 2); Auto-HDR; D-Range expansion	
Freeze scan	Yes	
Twin Mode	Yes	
Picture in Picture	Yes	
Red Density	Yes	
Control signal	$1 \times$ RJ45 (LAN) 100BASE-TX/1000BASE-T/10Base-T, $3 \times$ Remote, $5 \times$ USB 2.0	
Compatible video endoscopes	90K, 90i, J10, i10, i10c and i20c series; Not all models are compatible. For details, contact your local PENTAX Medical service facility.	

VIDEO SIGNAL	CONNECTOR	RESOLUTION
Digital output	DVI	1920×1080/60p(i)
	3G-SDI	1920×1080/60p
	HD-SDI	1920×1080/60i
	12G-SDI	3840×2160/60p
Analogue output	Y/C	NTSC/PAL format
Digital input	DVI	1920×1080/60p
		1280×1024/60p
		1024×768/60p
IMAGE RECORDI	NG	VALUES
Image recording		Yes (internal & external)
Video recording		Yes (internal & external)
LANGUAGES		
Dutch, Estonian, F Hungarian, Italian, Macedonian, Norv	Finnish, French, (Japanese, Latvi wegian, Polish, P	



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