

SEE THE 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 INSPIRA™ 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.

PENTAX Medical INSPIRA™ video processor **upgrades your legacy endoscope portfolio**²⁾ to the latest imaging standards, **extending the life cycle** of each endoscope **for greater sustainability**. The system provides a **future-proof platform** for next generation medical solutions.

IMPROVE
CLINICAL
OUTCOMES

ENHANCE
EXPERIENCE AND
SATISFACTION

MAXIMISE
VALUE

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)

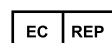
PARAMETERS	VALUES
Power supply	Voltage 100 – 240V ±10%
	Frequency 50/60Hz ±1 Hz
	Rated Input 380 VA
Dimensions (W × H × D)	400 × 205 × 520 mm
Net weight	24 kg
Illumination	LED lightsource
User interface	7 inch customizable touchscreen with individual profile setting
Image enhancement	i-scan (Surface 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 × RJ45 (LAN) 100BASE-TX/1000BASE-T/10Base-T 3 × Remote, 5 × 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 RECORDING	VALUES
Image recording	Yes (internal & external)
Video recording	Yes (internal & external)

NETWORK COMPATIBILITY	VALUES
DICOM/PACS	Yes (Image Transfer & Worklist Management)
Endoimage2 (OS-I3)	Yes

LANGUAGES
English, Bulgarian, Chinese, Croatian, Czech, Danish, Dutch, Estonian, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Latvian, Lithuanian, Macedonian, Norwegian, Polish, Portuguese, Romanian, Russian, Slovakian, Slovenian, Spanish, Swedish, Turkish



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PENTAX®
MEDICAL

CE Medical device class IIa – This product must be used only by healthcare professionals. Before use and for detailed product specifications, please refer to the instructions.
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