

MEDI CAPTURE

Medical Imaging Made Easy™



iMave™ Platform

HD Video Recording Engine for OEM Camera Systems

iMave™ is designed to provide today's endoscope manufacturers with an easy and affordable way to integrate video and photo recording into their medical camera systems.



integrated

Fully embedded solution easily integrated into camera systems.



Medical

Designed to meet the quality and safety requirements of medical-grade products.



archiving

Wide choice of recording outputs including USB drives, DVD, Blu-ray®, etc.



Video

Records a broad range of video resolutions from Full HD 1080p to PAL/NTSC - and everything in between.



engine

The iMave™ platform is much more than a simple recording device. With its powerful processor and WinCE OS, OEMs can easily create total recording solutions and customized workflows.

Powerful Features

compatible – versatile – affordable



Easy Customization

User interface designed in Flash® – easy to customize and match OEM's look.



Turn-Key

Easy to integrate using well defined interfaces.



Flexible Options

Easily add or subtract technologies - Full HD, SD, MPEG4, JPG, DICOM...



Modular Design

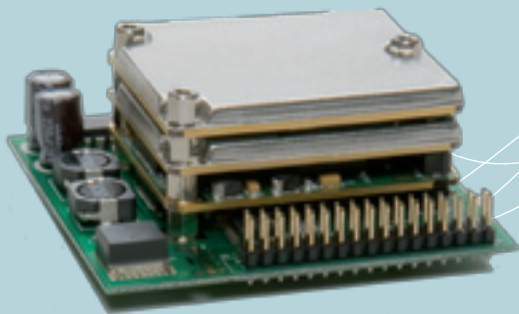
Scalable to meet all current and future video recording needs.



iMave™ Specifications (Preliminary)¹

Device Type	HD Medical Video Recording Engine
Video Input	DVI, HD SDI, RGB, YPbPr, S-Video, Composite
Video Output	DVI, RGB, VGA
Video Formats	H.264 / MPEG4 (1080p/i, 720p, NTSC, PAL)
Image Formats	JPG, BMP, DICOM
Networking	RJ45 10/100/1000 Ethernet
Storage	Hard drive, USB flash drive, Blu-ray®, DVD
User Interface	Touchpad, keypad Flash®-based customizable menus
Mechanical	Size: 70 mm x 70 mm Power inputs and outputs I/O connectors
Additional Features	Multi-language support Video/image review Patient information entry Real-time clock Date/time and patient info stamp on image
Kit Contents	iMave™ module, test board, SDK software, documentation

iMave™ Integrated - Medical - Video - Recording - Engine



CPU Module

- WinCE OS
- User Interface
- Networking

FPGA Module

- MPEG4, H.264
- HD (1080p, 1080i, 720p)
- SD (PAL/NTSC)

Video I/O Module

- DVI, HD SDI, RGB...
- USB, DVD, Blu-ray®...

A/V Module

- JPG, BMP, DICOM
- Editing and Audio
- Extras (time stamp, etc.)

Choose from a comprehensive list of “modular” options to build your perfect iMave™ engine.

Tested, True, Timeless



iMave™ is the same powerful platform used in the USB200/300 series of products.

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