

Espoo, 3 March 2010

End of Life and Last Time Buy of UFG-03 Frame Grabbers

Dear Madam / Sir,

Due to limited availability of certain key electronic components Unigraf will have to withdraw the UFG-03 Frame Grabber product family by the **End of 2010**. Due to this limited availability Unigraf will need your last time buy orders for UFG-03A Std and UFG-03A HiDef by **31.5.2010** with delivery dates no later than **31.12. 2010**. After that, Unigraf will be able to service and repair the UFG-03 products at least for 5 years until the **End of 2015**.

Unigraf's UFG-05 series frame grabbers are covering the same application and performance area as the UFG-03. The video input performance of the UFG-05 series is the same or better than for UFG-03. Please find attached a comparison matrix between the UFG-05 series and UFG-03 series. Please contact Unigraf for details. Unigraf will introduce enhancements and new features for the UFG-05 still during 2010.

Please contact us with any questions concerning the end of life of UFG-03 or upgrading to UFG-05. We will do our best to make your upgrade path to UFG-05 as smooth as possible. For technical issues, please contact our local distributor.

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Yours sincerely
Unigraf Oy

Juha Saarinen
Marketing Director

Comparison of UFG Families

	UFG-05 32	UFG-05 1E	UFG-05 4E	UFG-03 A Std / HiDef
Input	S-video and Composite on S-Video connector RGB and Component on VGA connector TMDS on DVI-D connector			RGB on VGA connector TMDS on DVI-I connector
Input Resolution	PAL, NTSC and SECAM for composite and S-video 640 x 480 to 1920 x 1200 for VGA, Component and DVI			640 x 480 to 1600 x 1200 native
Color Coding	RGB or YPbPr / YCbCr			RGB
Input Pixel Frequency	25 MHz to 165 MHz			30 MHz to 165 MHz
A/D Conversion	8 bits per color			
Scan Modes	Progressive, interlaced			
Sync Modes	Automatically detected RGBHV, RGsB, RGBC			
HW Scaling	160 x 120 to 1920 x 1200			Half input resolution to 1600x1200
Output Format	RGB32			RGB16, 24, 32
Capture speed (Intel Q6600 Quad Core 2.4 GHz to RAMDisk)	1920 x 1080 13 fps 1600 x 1200 14 fps 1280 x 1024 21 fps 1024 x 768 35 fps	1920 x 1080 15 fps 1600 x 1200 17 fps 1280 x 1024 25 fps 1024 x 768 42 fps	1920 x 1080 27 fps 1600 x 1200 27 fps 1280 x 1024 42 fps 1024 x 768 60 fps	
PCI Bus	PCI 32 and 64 / PCI-X 32 (2.2).	PCI Express 1 lane (1.0a).	PCI Express 4 lane (1.0a)	PCI 32 and 64 / PCI-X 32 (2.2).
Operating Systems	Windows® XP and Vista (32 bit)			Windows® XP, Windows 2K
SW Interface	WDM driver with configuration dialogue, Capture DLL library, Configuration DLL library, Labview VI			Windows: VfW driver, DLL library Linux: V4L2 driver
Module Size	106 x 174 mm	106 x 160 mm	106 x 194 mm	106 x 175 mm