

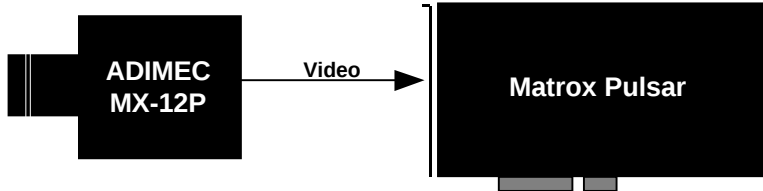
Application Note:

Interfacing non-standard cameras to Matrox Pulsar

MATROX
PULSAR

ADIMEC MX-12P

March 16, 1998

Camera Descriptions	• 1024 x 1024 x 8-bit @ 30fps • Analog or Digital. • Interlaced or non-interlaced. • Internal exposure control. • Continuous, trigger or control modes • Maximum data rate: 40 MHz
Interface mode	• Continuous
Camera Interface Briefs	Mode : Continuous Mode  The diagram illustrates the video interface between the ADIMEC MX-12P camera and the Matrox Pulsar system. A black box labeled 'ADIMEC MX-12P' is connected by a horizontal arrow labeled 'Video' to a larger black box labeled 'Matrox Pulsar'. The Matrox Pulsar box has a small vertical line on its left side and two small rectangular protrusions at its base. • 1024 x 1024 x 8-bit @ 30fps • Analog. • Interlaced • Continuous video • Matrox Pulsar receiving analog video signals from camera. • DCF used: MX124060.DCF
Cabling Requirements	Mode 1: Continuous Mode • IMG-7W2-TO-1BNC or 7W2-TO-5BNC (red BNC only) cable required for video output of camera.

The DCF(s) mentioned in this application note can be found on the MIL and MIL-Lite CD, or our FTP site ([ftp.matrox.com](ftp:ftp.matrox.com)). The information furnished by Matrox Electronics System, Ltd. is believed to be accurate and reliable. Please verify all interface connections with camera documentation or manual. Contact your local sales representative or Matrox Sales office or Matrox Imaging Applications at 514-822-6061 for assistance.

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