

SOP 133/05	Installation Environment Specification		
Page 1 of 2	Product: VideoScan		
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Purpose of this document: To ensure that all key aspects of the installation adhere to the manufacturer's recommendations, codes, safety parameters and design parameters.

Responsibility: Customer or CAMAG Approved Product Specialist or Service Engineer.

1 Introduction


This document describes the environment necessary for the VideoScan, which has to be available at installation to ensure reliable operation of the instrument.

2 Installation environment

The VideoScan software should preferably be installed on the same PC as the VideoStore software used for capturing images with. Alternatively, these two computers can be linked via a network.

Confirm that the following requirements are fulfilled by the PC to be used before installing the software:

CPU	Pentium 200MHz or faster
Operating system	Microsoft Windows 95 (SR2) or Windows NT 4.0
Hard disk	VideoScan needs about 10 MBytes of disk space
Floppy drive	1.44 MBytes (3½")
Memory (RAM)	Windows 95, 98 / Windows NT: 32 MBytes or more
Graphic adapter⁽¹⁾	PCI with at least 4 MBytes RAM. Recommended: Matrox Mystique 220, 8 MBytes, CAMAG 958.0621
Mouse	PS/2 or bus mouse
Monitor⁽²⁾	17", 800x600 at 48kHz/72Hz (VESA 800 standard). Recommended: 17", 1024x768 at 60kHz/85Hz (VESA 1024 standard)
System printer	Any laser or inkjet printer supported by Windows (recommended resolution at least 600x600 dpi)

 *Responsibility for proper operation of the VideoScan software can only be accepted for complete systems supplied by CAMAG.*



SOP 133/05	Installation Environment Specification	
Page 2 of 2	Product: VideoScan	

2.1 Monitor & Graphics adapter

Make sure the proper driver for your graphics adapter is installed. Please refer to the manuals supplied with WINDOWS 95 and your graphics adapter.

⁽¹⁾Table 1 Memory requirements for different screen resolutions

Screen resolution	Colors to display	Memory	Note
800 x 600	256	512 KBytes	
800 x 600	65K	1 MBytes	
800 x 600	16,7 M	2 MBytes	True color
1024 x 768	256	1 MBytes	
1024 x 768	65K	2 MBytes	Hi color
1024 x 768	16,7 M	4 MBytes	True color 24bit
1024 x 768	16,7 M	8 MBytes	True color 32bit
1280 x 1024	16,7 M	8 MBytes	True color 32bit

-  *If possible, select a resolution of at least 1024x768 and „true color“: From the Windows start menu select **START-Settings-Control panel** and click the **Display** icon. Use the tab marked „Settings“.*
-  *The monitor used must be capable of displaying the selected resolution.*

⁽²⁾ Table 2 Recommended screen resolutions by display size

Display size	640 by 480	800 by 600	1024 by 768	1280 by 1024
14 Inches	Best	Good	Poor	Bad
15 Inches	Good	Good	Best	Bad
17 Inches	Poor	Good	Best	Bad
19 Inches	Poor	Poor	Good	Best
21 Inches	Bad	Poor	Good	Best