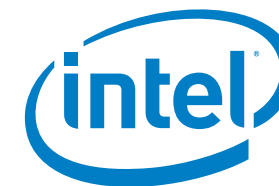




SYSTEM REQUIREMENTS FOR



INTEL PLATFORM

Target CPU:	Intel Core 2 Duo Processor family
Compatible:	With the entire Intel x86 family of processors
Target O/S:	Windows XP and Linux

VIDEO ANALYSIS

CPU Utilization*:	Less than 6% of a single core per channel on an Intel Core 2 Duo T7400/4MB L2 Cache @ 2.16GHz (OV Library only)
Video Input:	4:2:0 or 4:2:2 YUV Format
Video Resolution:	320x240 (QVGA), 352x240 (CIF-NTSC), 352x288 (CIF-PAL), 160x120 (QCIF)
Processing Frame Rate:	10 fps

MEMORY REQUIREMENTS

HEAP:	Library uses 18-24 MB (configurable) per CPU video channel
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BANDWIDTH

Data Packet Size:	– 80 KB with JPEG images for alert snapshot
	– 15 KB without JPEG images

*Platform chosen for benchmarking purposes only.

These requirements pertain specifically to ObjectVideo OnBoard 5.0.
Contact ObjectVideo Customer Care for information regarding previous versions.



SYSTEM REQUIREMENTS FOR



TEXAS INSTRUMENTS PLATFORM

Target DSP:	TI DaVinci Digital Media Processors
Compatible:	With the entire TI TMS320DM64x+ line of digital media processors, including the DM642 & the DaVinci Technology platform (DM6446, DM6437/35)
Software:	<ul style="list-style-type: none"> – Library is xDAIS compatible – Codec is xDM compatible

VIDEO ANALYSIS

DSP Utilization*:	20% to 25% of a TI DM642 DSP @ 720MHz per video channel
Video Input:	4:2:0 or 4:2:2 YUV Format
Video Resolution:	320x240 (QVGA), 352x240 (CIF-NTSC), 352x288 (CIF-PAL), 160x120 (QCIF)
Processing Frame Rate:	10 fps

MEMORY REQUIREMENTS

RAM:	Library uses 15-24 MB (configurable) per CIF video channel
FLASH:	<ul style="list-style-type: none"> – Library requires 2.5MB per device – Data requires 200-500 KB (configurable) per channel (includes rule/view storage, parameter model) – OnBoard API enables any off-board storage if Flash is not used

BANDWIDTH

Data Packet Size:	<ul style="list-style-type: none"> – 80 KB with JPEG images for alert snapshot – 15 KB without JPEG images
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*Platform chosen for benchmarking purposes only.

These requirements pertain specifically to ObjectVideo OnBoard 5.0.
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