

Sightech Vision Systems, Inc.

## PC-Eyebot

# Learning Modes Explained – Feature Memory Choices

By controlling the way our self-learning vision actually “sees”, we can specialize the inspection process. Given the needs of an application, we will discuss how to choose the best Memory Model – determines how much memory resource will be allocated.

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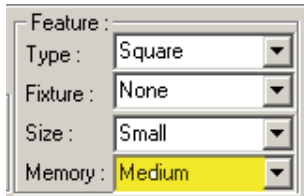
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## Selecting the Memory Size.

**Selecting Memory Size (Feature→Memory→Small/Medium/Large):**



Select one of several memory modes: Small, Medium, and Large.

### ***How do you choose a Memory Size?***

The memory modes tell the system how much CPU memory to allocate for training purposes.

<b><i>Memory Model:</i></b>	<b><i>Size Range:</i></b>	<b><i>Characteristics:</i></b>
Small	.5-2 MB	<ul style="list-style-type: none"><li>• Fast training time</li><li>• Good for gross defects</li><li>• Ignores little variations</li><li>• Can have many Areas defined</li></ul>
Medium	2-4 MB	<ul style="list-style-type: none"><li>• Medium training time</li><li>• Medium small defects</li><li>• Sensitive to medium variations</li><li>• Can have 2-8 Areas defined</li></ul>
Large	8-32MB	<ul style="list-style-type: none"><li>• Extended training time</li><li>• Good for subtle defects</li><li>• Detects even minor variations</li><li>• Can have only 1-2 Areas defined</li></ul>