# Auto Multiple Choice - Bug # 169: Unrecognised Scans

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|---|---|---|---|
| **Status:** | Closed | **Priority:** | Normal |
| **Author:** | Anirvan Sarkar | **Category:** | |
| **Created:** | 05/11/2013 | **Assignee:** | |
| **Updated:** | 05/11/2013 | **Due date:** | |
| **Description:** | AMC fails to detect markings from the OMR sheet for some scans. The preprocess window in such scans is as follows: | | |

## History

**05/11/2013 12:47 pm - Anirvan Sarkar**

I forgot to add the screenshot of preprocess window. Here it is:

Preprocess output of Unrecognised_Scan_1:
!http://i44.tinypic.com/dhdz.jpg!

Preprocess output of Unrecognised_Scan_2:
!http://i39.tinypic.com/9qk93a.png!

**05/11/2013 12:49 pm - Anirvan Sarkar**

*- File source.tex added*

*- File LogoDark.jpg added*

**05/11/2013 01:48 pm - Alexis Bienvenüe**

*- File binary-digits.png added*

*- Status changed from New to Feedback*

*First scan:* it seems that the student played with the binary codes at the top of the page (circled one should not be dark - check on the subject), so that AMC is unable to identify the scaned page. You can erase this on the scan (with any image editor) and process it again with AMC (for my students, I also apply a penalty in this case).

!binary-digits.png!

*Second scan:* the top-right mark has not been recongnized because it does not have the required size (you can see it is a little flattened). On the right side of the window, the green marks are the one that has correct size for a corner mark, and the black ones are too large or too small. You can increase the _Edit/Preferences/Scan/Detection Parameters/Marks size max XXX_ values to let AMC be a little more tolerant, and process again the same scan.

**05/11/2013 04:43 pm - Anirvan Sarkar**

Thank you for your support.

Also,
# How can we set a penalty after a test has been prepared?
# Is the _Edit/Preferences/Scan/Detection Parameters/Marks size max XXX_ values documented? I was not aware of it until you mentioned it.

**05/11/2013 06:28 pm - Alexis Bienvenüe**

*- % Done changed from 0 to 100*

> How can we set a penalty after a test has been prepared?

You'll have to make a manual change in the grades... If you often have this kind of problems, you can prepare your exams so that penalty can easily be applied, with something like what I describe (in french) in [[Codages simples]].

> Is the Edit/Preferences/Scan/Detection Parameters/Marks size max XXX values documented?

Only a tip for these entries in the preferences window. There should be a description of how AMC recognizes the pages and boxes somewhere, but this is still missing I'm afraid.

**Files**

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|---|---|---|---|
| Unrecognised_Scan_1.jpg | 475 kB | 05/11/2013 | Anirvan Sarkar |
| Unrecognised_Scan_2.jpg | 484.9 kB | 05/11/2013 | Anirvan Sarkar |
| source.tex | 10.1 kB | 05/11/2013 | Anirvan Sarkar |
| LogoDark.jpg | 304.2 kB | 05/11/2013 | Anirvan Sarkar |
| binary-digits.png | 21.8 kB | 05/11/2013 | Alexis Bienvenüe |