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## Pixel Policy

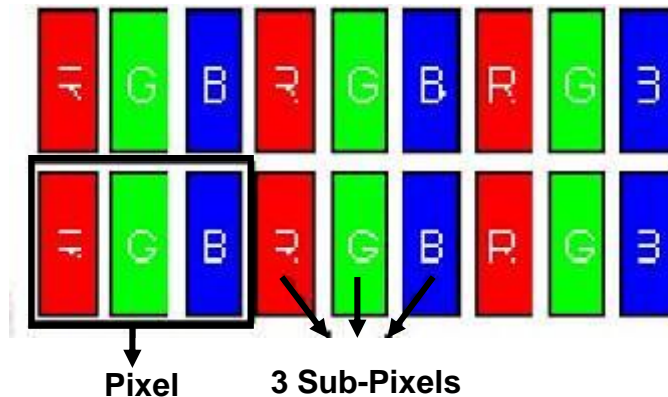
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# Understanding about Defective Pixels in Liquid Crystal Displays

## Introduction

LCD displays are made up of a set number of pixels and each pixel is made from 3 sub-pixels: one Red, one Blue and one Green.

Every sub-pixel is addressed by its own transistor. When all 3 sub-pixels are lit, the pixel appears white. When all 3 sub-pixels are dark, the pixel appears black.



Occasionally, these individual transistors will short, or otherwise malfunction, resulting in a defective pixel.

There are two phenomena which define a defective LCD pixel and are defined in the following way:

- **Bright Dot Defects:** sub pixels or pixels are always lit
- **Dark Dot Defects:** sub pixels or pixels are always dark

# Understanding about Defective Pixels in Liquid Crystal Displays

“Bright” dot (or “lit”), appears as one or several randomly-placed red, blue and/or green pixel elements on an all-black background

The “Bright” pixel phenomenon, results when a transistor occasionally shorts on and it creates a permanently “turned-on” (red, green or blue) pixel.

“Dark” dot (or “dead” or “missing”), appears as a black dot on all-white backgrounds.



Product	Bright Dot	Dark Dot	Total Dot
Monitor	<b>3</b>	<b>5</b>	<b>5</b>
Tablet	<b>0</b>	<b>4</b>	<b>4</b>

Note:

This policy is subject to change without any prior written notice.

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thank you 谢谢 grazie danke grazias merci  
Спасибо gracias obrigado ありがとう  
Dank takk bedankt dakujem Dziękuję Kiitos

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