

SeniorView™ Elderly Vision Simulator



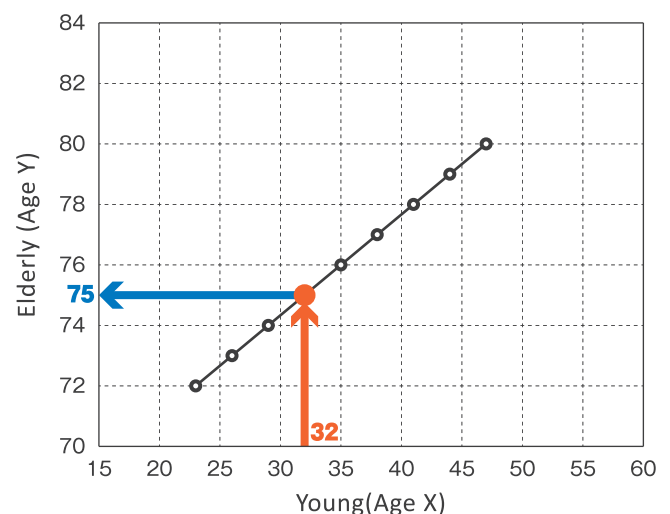
SeniorView enables you to experience the visibility of the color world seen by the elderly. You can understand the difficulties that aged people suffer in their daily lives.

The filters of SeniorView can precisely simulate the spectral transmittance of an aged human lens. They were designed based on a two-factor model so that the human lens of the standard 32 years old person with healthy eyes can virtually be replaced for the human lens of the standard 75 years old person with healthy yellowish eyes.

The relationship between a young observer of age X and an elderly person of age Y is shown below.

Young(Age X)	Elderly (Age Y)
20	72
24	73
28	74
32	75
34	76
38	77
41	78
44	79
48	80

$$Y = 0.3 X + 66 \text{ (Round down to the nearest decimal)}$$
$$20 \leq X \leq 48, \quad 72 \leq Y \leq 80$$



SeniorView was developed and supervised by Prof. Katsunori Okajima, Yokohama National University, and was manufactured by Itoh Optical Industrial Co.,Ltd. Gamagori 443-0041, JAPAN.

CAUTION: Driving a vehicle or operating a machine with SeniorView may lead to serious injury or vehicle damage. Before using SeniorView, please read the instruction manual carefully.