

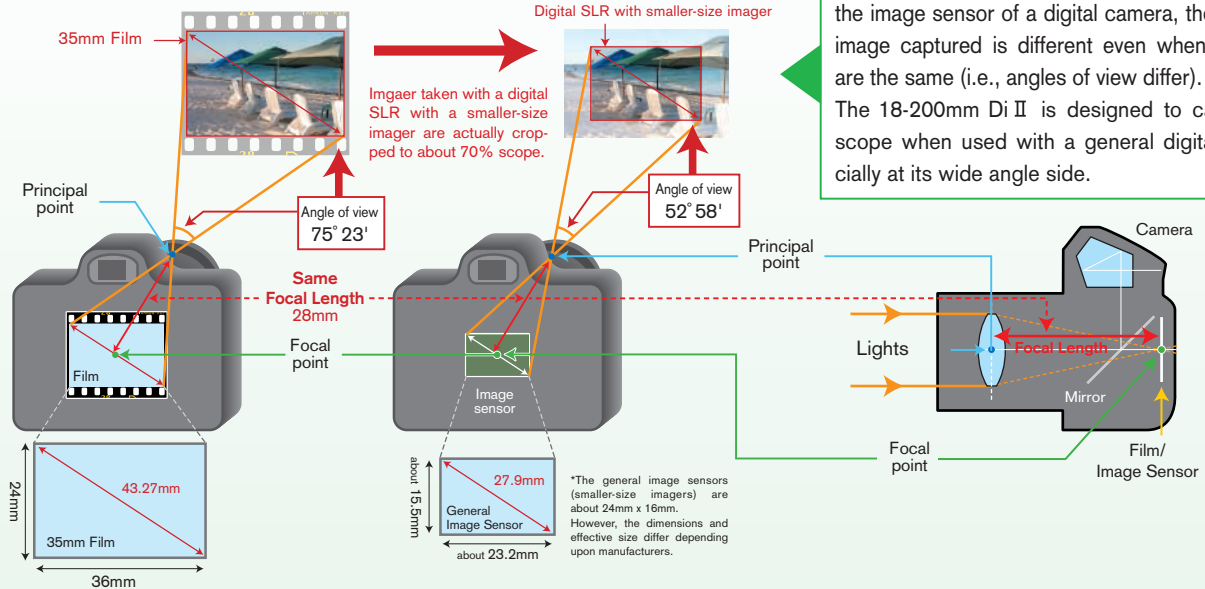
What does

Di II

*(designed for exclusive use on digital SLR cameras
with smaller-size imagers)*

mean?

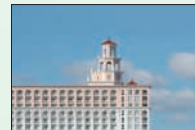
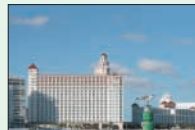
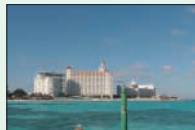
Designed to capture the optimum scope when used with a digital SLR camera



Since the sizes of 35mm film format are different from the image sensor of a digital camera, the scope of the image captured is different even when focal lengths are the same (i.e., angles of view differ). The 18-200mm Di II is designed to capture optimum scope when used with a general digital SLR, especially at its wide angle side.

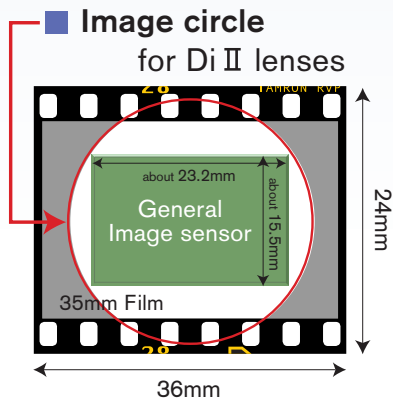
◆ Angles of View

Diagonal	Horizontal	Equivalent
75°33'	65°36'	28mm
43°28'	36°40'	54mm
31°11'	26°7'	78mm
15°53'	13°14'	155mm
7°59'	6°38'	300mm



Designed to fit smaller-size image sensors in order to reduce its diameter

When designing a lens having a short focal length range (when designing a wideangle lens), the diameter of the lens inevitably becomes large. However, in designing the 18-200mm Di II lens, Tamron has successfully solved this problem by using an image circle designed to match that of general image sensor (smaller-size image sensor), achieving almost the same compactness as the 28-300mm lens (A061), which offers the same angles of view produced in 35mm film format.

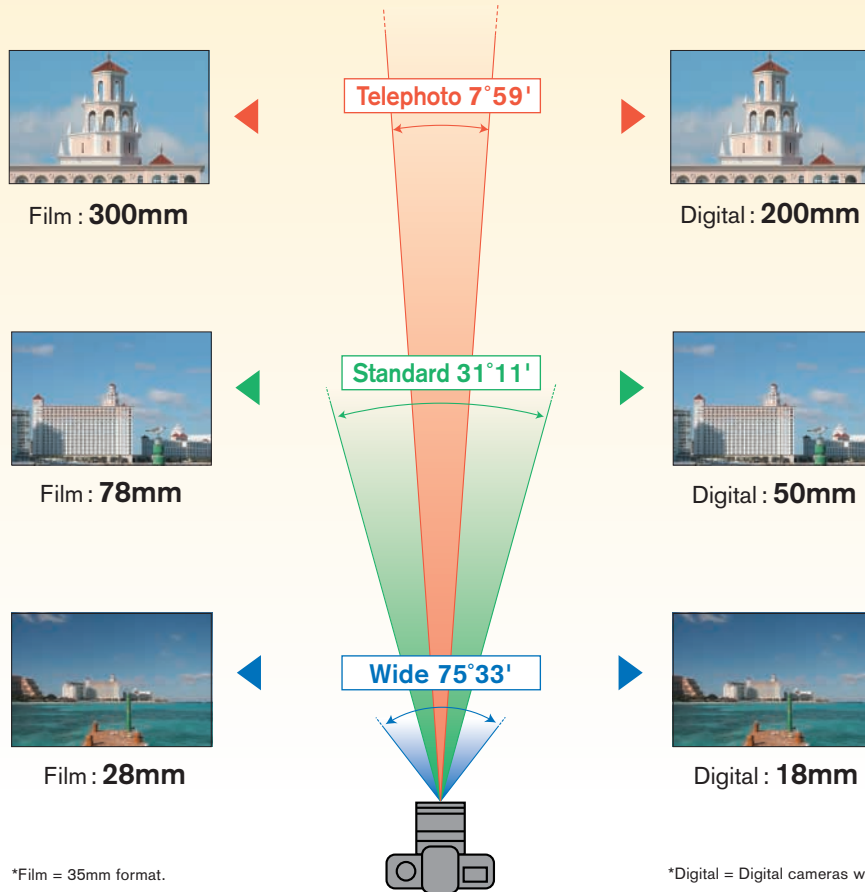


■ Vignetting when used with a 35mm format camera



*When pictures taken with a Di-II lens mounted on a 35mm film camera or digital SLRs with image sensor larger than 24mm x 16mm, image corners become dark (i.e., vignetting becomes noticeable).

Film and Digital — Angle of View and Focal Length



*Film = 35mm format.


*Digital = Digital cameras with smaller-size imagers.

Tamron 18-200mm Di II

— Different angles of view —

◀ ◀ ◀ ◀ ◀ ◀ ◀ **AF18-200mm** ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶


Diagonal
75°33'



Horizontal
65°36'

18mm ▶ Equivalent
28mm


Diagonal
43°28'



Horizontal
36°40'

35mm ▶ Equivalent
54mm


Diagonal
31°11'



Horizontal
26°7'

50mm ▶ Equivalent
78mm

Diagonal
15°53'



Horizontal
13°14'

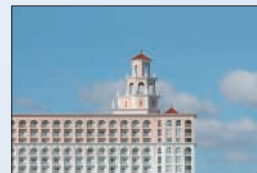
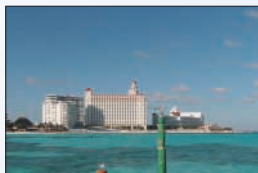
100mm ▶ Equivalent
155mm

Diagonal
7°59'



Horizontal
6°38'

200mm ▶ Equivalent
300mm



new



AF18-200mm
Model A14