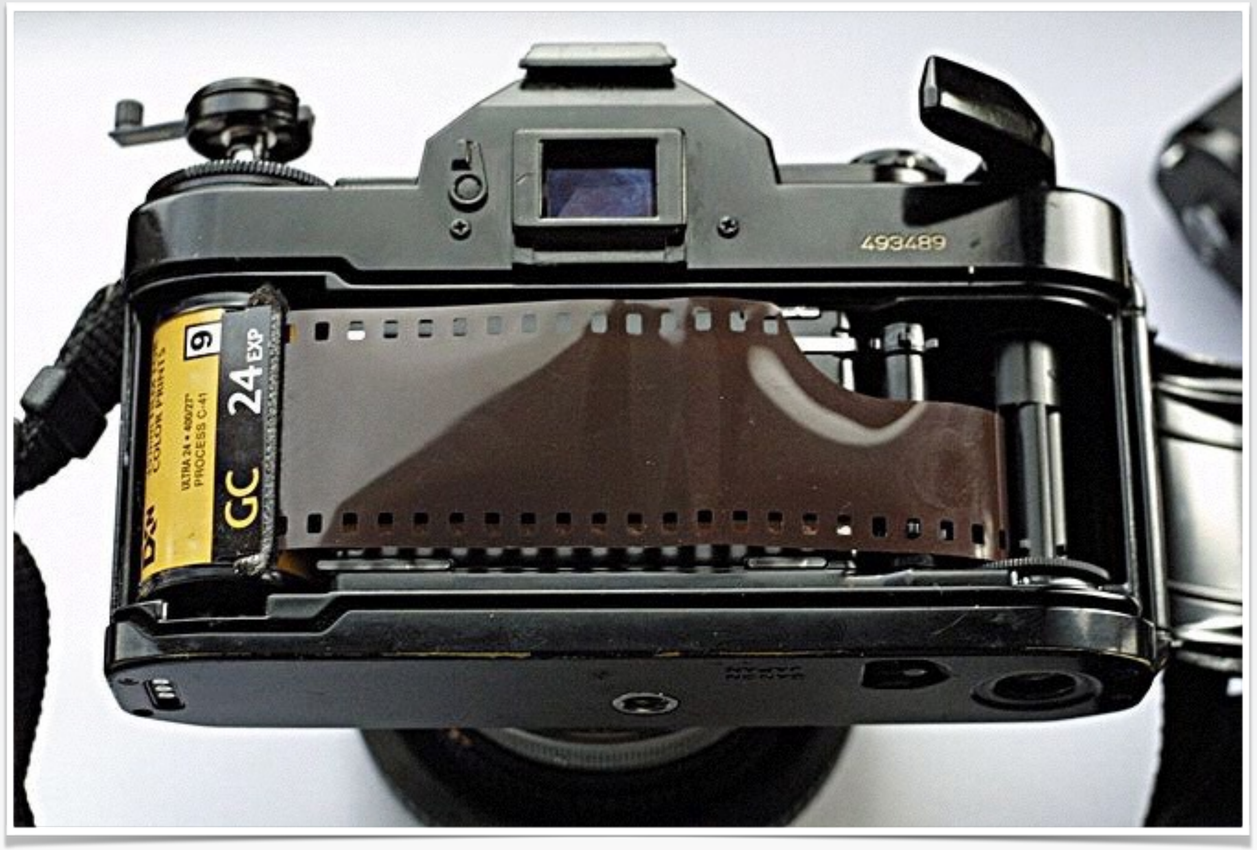
IL SENSORE DIGITALE


493489
9
GC 24 EXP
ULTRA 24 • 400/27°
PROCESS C-41

IL SENSORE DIGITALE

Si può considerare il cuore della fotocamera digitale.

Grazie al sensore digitale le immagini vengono convertite in **file** che poi trovi nella tua scheda di memoria.

LE DIMENSIONI DEL SENSORE

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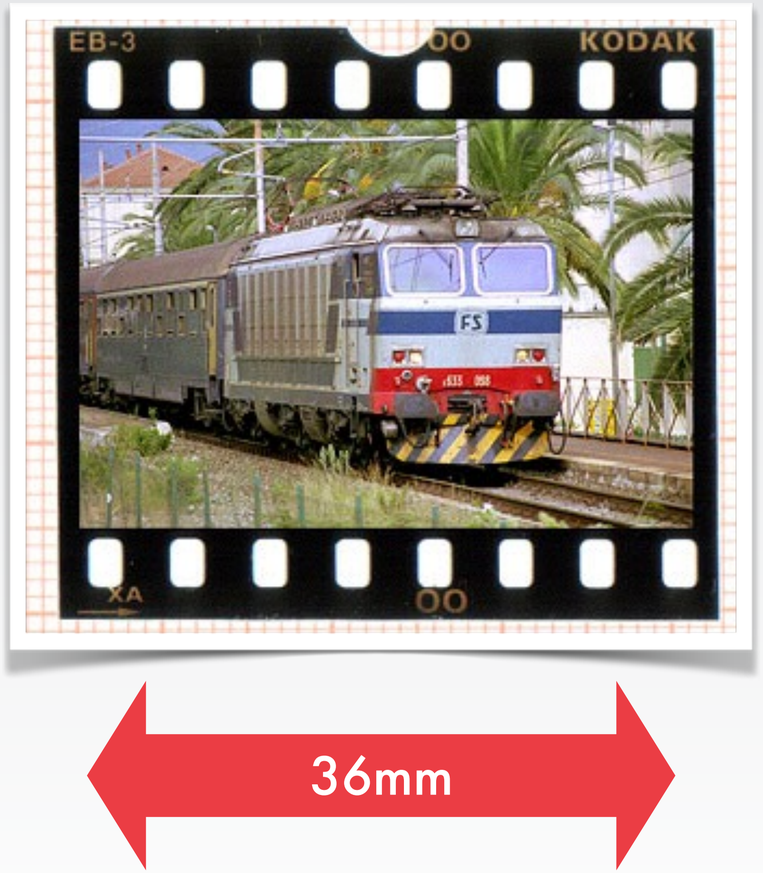
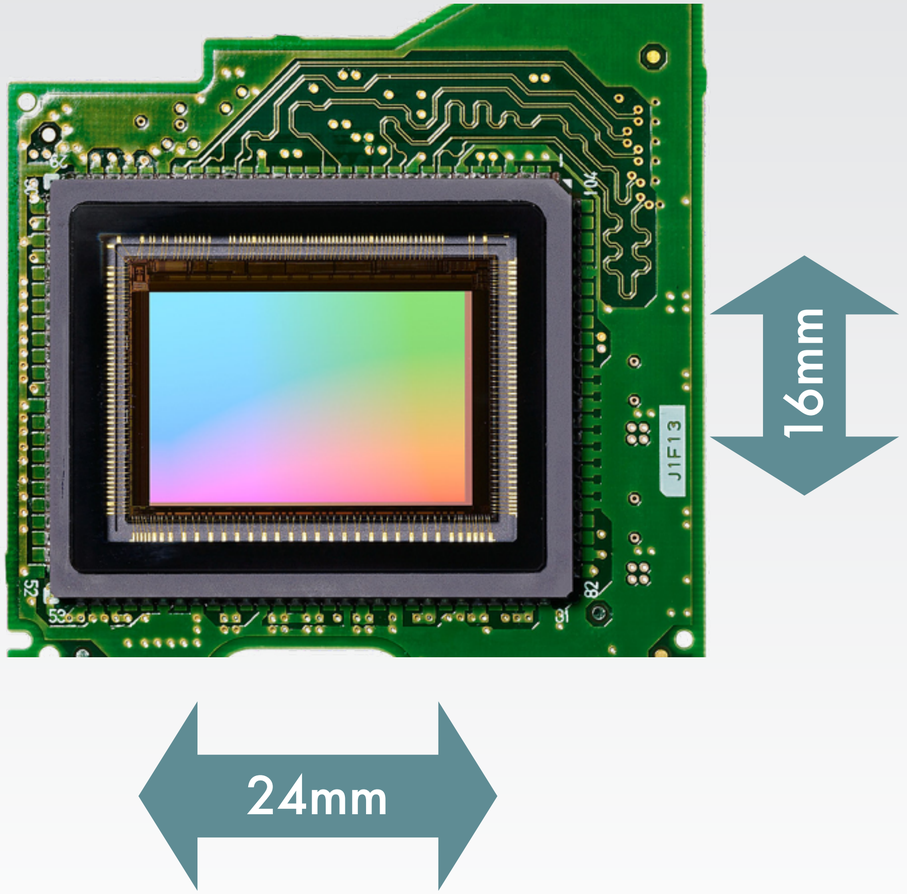
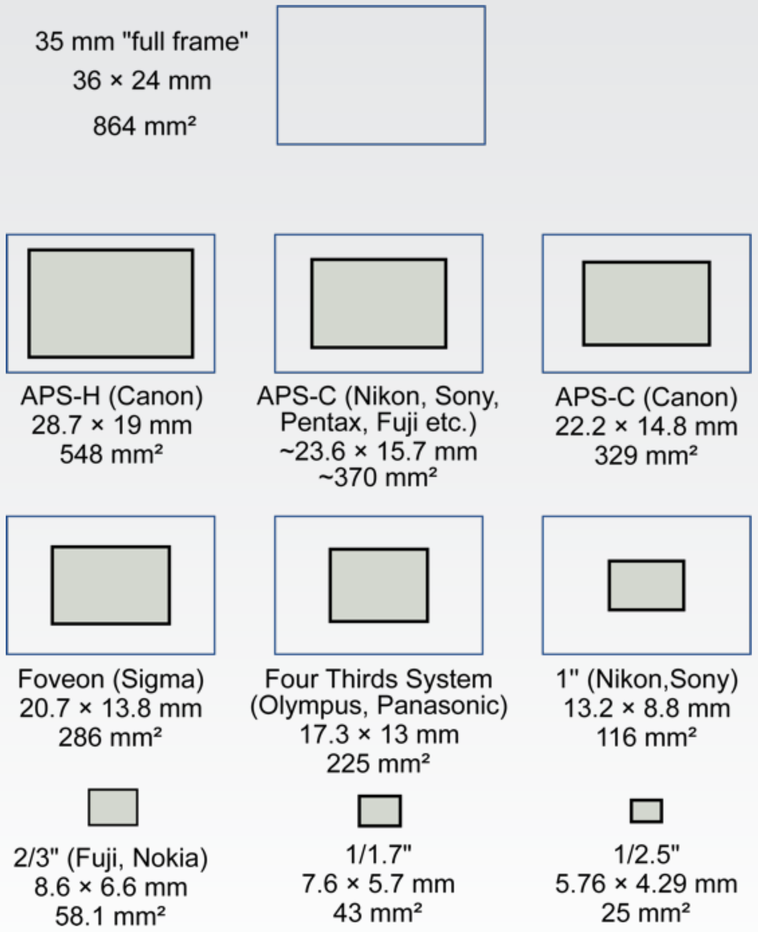


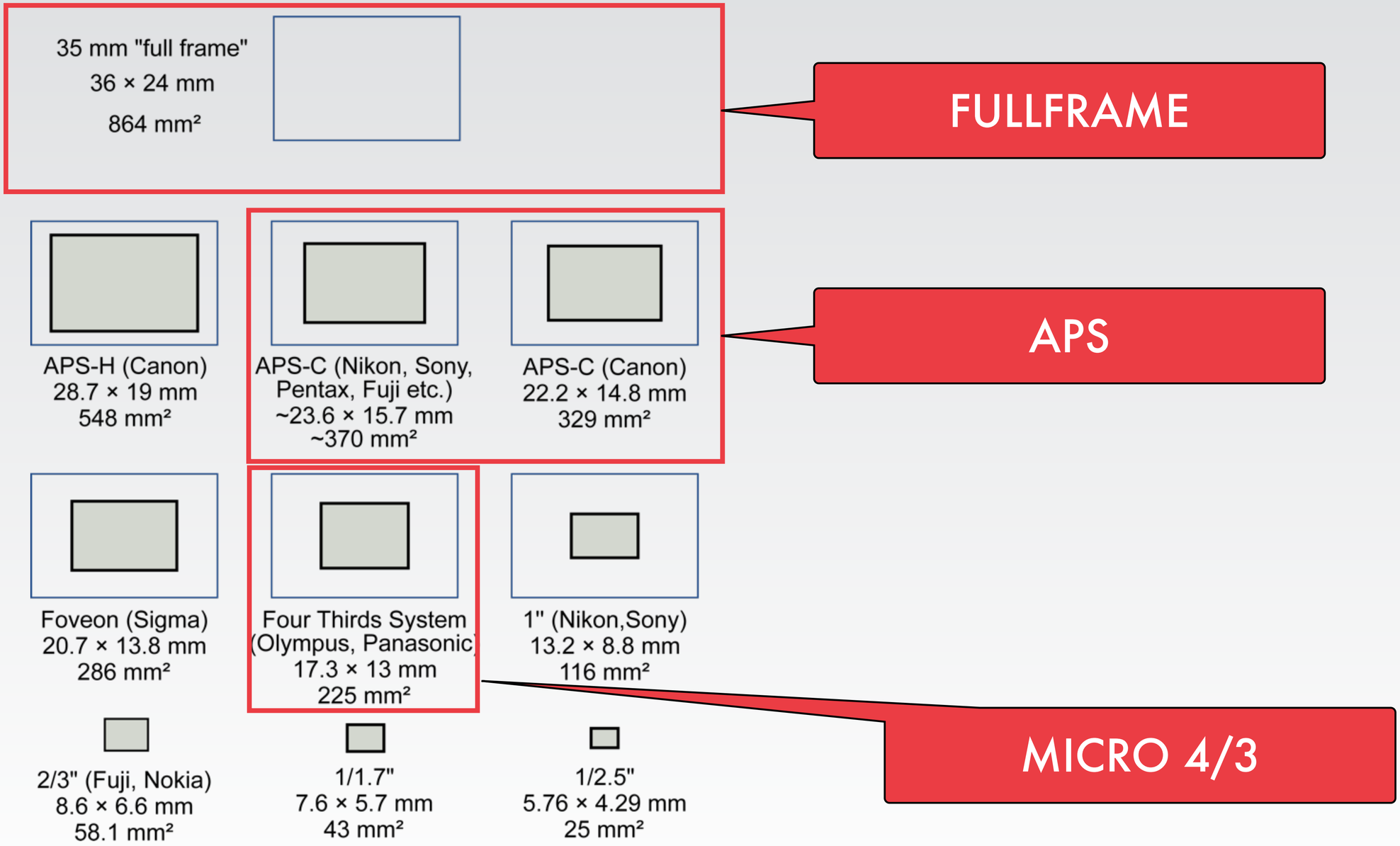


LE DIMENSIONI DEL SENSORE



Attualmente il mercato è composto da varie tipologie di sensore ed i più diffusi sono:

- Fullframe
- APS
- Micro 4/3

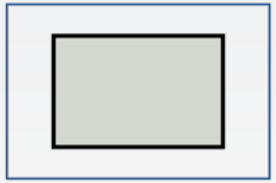

35 mm "full frame"
36 × 24 mm
864 mm²
FULLFRAME
APS-H (Canon)
28.7 × 19 mm
548 mm²
APS-C (Nikon, Sony, Pentax, Fuji etc.)
~23.6 × 15.7 mm
~370 mm²
APS-C (Canon)
22.2 × 14.8 mm
329 mm²
APS
Foveon (Sigma)
20.7 × 13.8 mm
286 mm²
Four Thirds System (Olympus, Panasonic)
17.3 × 13 mm
225 mm²
1" (Nikon,Sony)
13.2 × 8.8 mm
116 mm²
MICRO 4/3
2/3" (Fuji, Nokia)
8.6 × 6.6 mm
58.1 mm²
1/1.7"
7.6 × 5.7 mm
43 mm²
1/2.5"
5.76 × 4.29 mm
25 mm²

I FORMATI PIÙ DIFFUSI

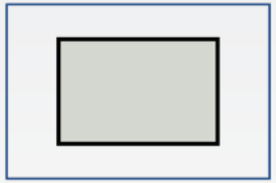
FULLFRAME

35 mm "full frame"
36 × 24 mm
864 mm²

APS

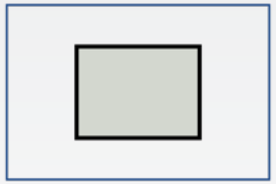


APS-C (Nikon, Sony, Pentax, Fuji etc.)
~23.6 × 15.7 mm
~370 mm²



APS-C (Canon)
22.2 × 14.8 mm
329 mm²

MICRO 4/3



Four Thirds System
(Olympus, Panasonic)
17.3 × 13 mm
225 mm²

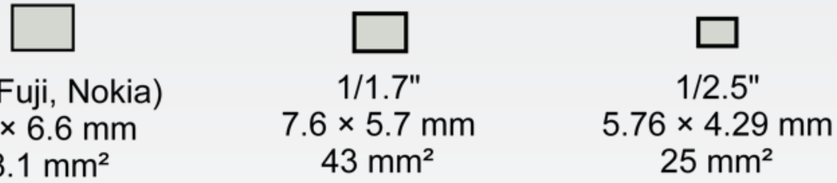
FORMATI PER REFLEX E MIRRORLESS

APS	→	Praticamente tutti i produttori
FULLFRAME	→	Identificato con la sigla FX oppure “formato pieno” o FullFrame
MICRO 4/3	→	Solo Olympus e Panasonic

https://it.wikipedia.org/wiki/Reflex_digitale_pieno_formato

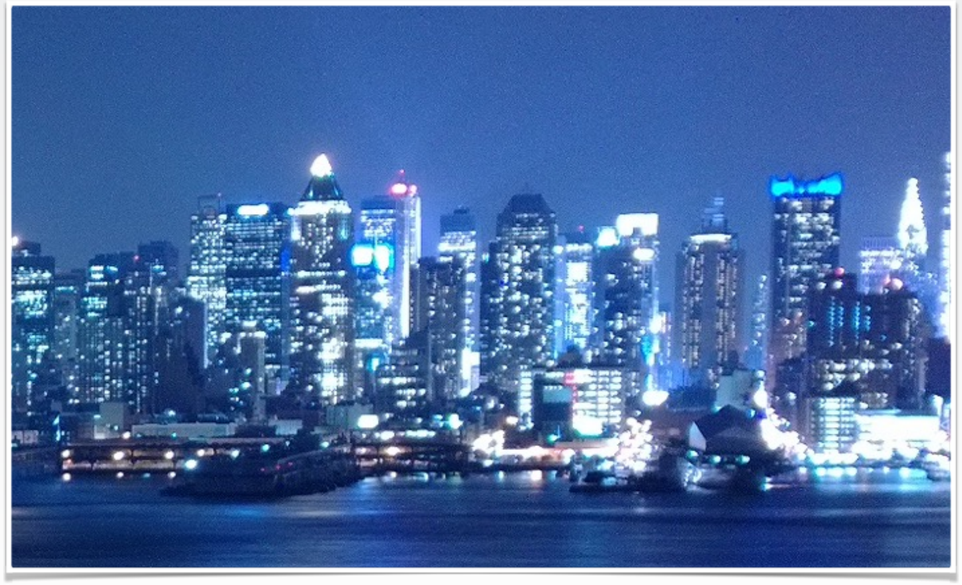
LE FOTOCAMERE COMPATTE & BRIDGE

Sono dotate di sensori di piccole dimensioni



LE DIMENSIONI CONTANO

SENSORE PICCOLO



SENSORE APS/FULLFRAME

WWW.CORSODIFOTOGRAFIAONLINE.COM

a cura di Alessio Furlan