

## 34 A (Long) Digression on the EV Formula for Math Lovers (*Optional*)

If you are resistant to mathematics, just skip this section [34](#) and go directly to the next section [35](#), with [one click](#), with a light heart and no regret. A definitely more ambitious solution would be to first refresh your knowledge in mathematics by reading [8].

### 34.1 The EV Formula

But if you like formulas, here is one

EV : Exposure Value

EV

=

log

2

(

100

×

f

)

I : ISO

where f : lens aperture (1)  
I × s s : shutter speed  
in seconds