PhotoShutter pinout

RESET	PA2	1	20	VCC
seconds	PD0	2	19 PB7	+30
minutes	PD1	3	18 PB6	+20
shutter 2sec	PA1	4	17 PB5	+10
IR & RELAY	PA0	5	16 PB4	+5
hours	PD2	6	15 PB3	+4
days	PD3	7	14 PB2	+3
+0.25	PD4	8	13 PB1	+2
+0.5	PD5	9	12 PB0	+1
	GND	10	11 PD6	video

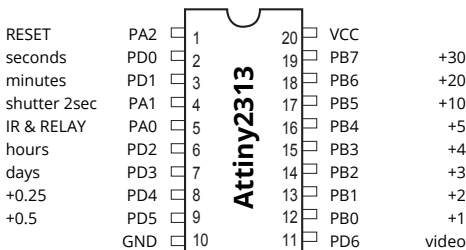Attiny2313

An interval is set with + pins. Let's say you need an interval of 6½ minutes — for this you set +5 pin, +1 pin, +0.5 pin and minutes pin. The units are adding up, so you can have 9 sec delay even though it's not present as a separate pin. Actually, you can form any number from 1 to 60 including ¼, ½ and ¾ parts.

If no interval or no unit is set, the device only plays once, so if you just need a remote — make a power button between pin 20 and VCC.

By default the device sends shutter signal, you need to ground "shutter 2 sec" or "video" to get the corresponding signals instead. This can also be done in "remote" mode — you just need to short corresponding pins for each separate button at the same time as switching power on (switches with multiple connectors would be quite handy).

This device has both electromechanical relay and Sony NEX5 IR support built in and they work simultaneously, but you can choose to connect only one or another, and even comment out the one you don't need in the firmware source.