

DETECTION WAS NEVER SO EASY PERFORMANCE, RELIABILITY AND SIMPLICITY



Smart and compact, the Wireless Infra-Red Photocells (WIRC) is the must-have equipment to complete your timing system. Its integrated design will simplify your installation, and ensure professional performances at competitive prices.

The Wireless Infra-Red Photocells (WIRC) detects and transmits impulses to the TBox-Radio timing console using a bidirectional radio protocol. Wired connection to any timing devices can still be performed via a 3.5mm Jack connector located on the back.

Up to 4 WIRC can communicate with 1 TBox-Radio.



Wireless communication

To improve robustness and increase reliability, a two-way protocol is used in the communication between **WIRC** Photocells and **TBox-Radio**. In case of frequency jamming or poor radio transmission data will be resent several times.



Expensive sports timing devices are history

FDS-Timing makes constant efforts in the design of cost-effective solution which will fit most timing requirements. WIRC Photocells are significantly more economically priced than most other products in their category. They are also designed to simplify your timing set-up.



Compatibility

The WIRC output (open collector) is compatible with most of the timer equipments on the market.



Spécifications techniques

Fréquences Europe Inde Amérique du Nord	869.4-869.65 MHz 865-867 MHz 920-924 MHz
Puissance radio	100 mW
Température d'utilisation :	-20°C à 50°C
Précision impulsion radio	1 msec
Détection	> 100m
Temps mort (entre 2 impulsions)	200ms for Groups A-D 500ms for Groups E-F
Batterie	LiPo 1700mAh
Alimentation externe	USB compatible (5V +/- 10%) up to 1A
Autonomie Récepteur Émetteur	150 heures radio ON / 250 heures radio OFF 180 heures
Dimension	111x60x27mm
Poids (Tx & Rx)	430g