

**MacFinish selection chart: TimeTronics Configurations FOR ALL SPORTS**

Depending on your needs and budget you can compose your own MacFinish configuration  
How to use this spreadsheet?

Type in cell "K11" = "Configuration code:" the code of your preferred TT configuration, for example "TTC180"  
Or type under "Extra Qty" the quantities of your choice for the separate products of groups 1...7.  
You can even do both; type a configuration code, and type under "Extra Qty" the qty (+ or -) to change.  
The spreadsheet will live calculate the total end-user price for you.

Configuration code :  #N/A

Code	Name	Specification	Note	Typical use	Unit Price EURO	CONF Qty	Extra Qty	Total Qty	Subtotal Price EURO
<b>1) MacFinish photofinish selection</b>									
<i>incl. Interface box for start/finish signals, camera protection hood</i>									
<i>incl. scsi cable or ethernet cable 3m, incl MacFinish software</i>									
<i>incl. Power cable or 12Vdc battery+charger, incl camera cable(s) 6m</i>									
<i>incl. Arrival remote control box, incl carrying case</i>									
TTC055	MacFinish II USB (1Mb+virtual memory)	1-line CCD 500 pixels		Athletic clubs, Regatta, skating					
TTC074	MacFinish II Ethernet (256Mb)	1-line CCD 500 pixels		Prof athletics, Regatta, Horses, Greyhound					
TTC075	MacFinish III Ethernet (256Mb)	3-line CCD 2000 pixels		Cycling, horse & greyhound races					
P010	Memory upgrade MF II Ethernet or MacFinish III Ethernet	from 256Mb to 512Mb		Cycling					
P011	Memory upgrade MF II Ethernet or MacFinish III Ethernet	from 256Mb to 1Gb		Professional cycling, more competitors					
P845	Memory upgrade MFII USB from 1Mb to 2Mb								
P846	Memory upgrade MFII USB from 1Mb to 4Mb								
TTC030	Video identification (with internal PC)	only for MF Ethernet		Maximum flexibility					
TTC031	Video identification (with USB cabling)	only for MF Ethernet		Only with MF inside field					
TTC090	Athletics Manager software configuration for MF II Ethernet systems			Athletics					
TTC091	Athletics Manager software configuration for MF II USB systems			Athletics					
P239	Key for Athletics Manager Interface			Athletics Manager software NOT included					
P619	Athletics Manager software update minimum 3 years-per year 395,- EURO								
<b>2) Lens selection</b>									
<i>all lenses include external professional IR filter for optimal color images</i>									
		<b>Max pixels usable</b>		<b>If camera height 3,2m / 6,4m</b>					
				<b>ideal range between camera and track</b>					
TTC001	MFII : Fixed lens 28mm F1.8 + 77mm filter	500		distance track: 1,8m / 2m					
TTC002	MFII : Fixed lens 105mm F2.8 + 58mm filter	500		distance track: 8,5m / 11,5m					
TTC003	MFII : Fixed lens 180mm F3.5 + 72mm filter	500		distance track: 14m / 19m					
TTC004	MFII : Man.Zoomlens 70-300mm F4.0 - 5,6 + 62mm filter	500		5,5 to 23m / 8 to 30 m					
TTC005	MFII : Man.Zoomlens 28-70mm F2.8 + 67mm filter	500		1,8 to 5,5m / 2 to 8 m					
TTC006	MFII : Man.Zoomlens 28-80mm F3.5-5,6 + 58mm filter	500		1,8 to 6,5m / 2 to 9 m					
TTC007	MFII : Man.Zoomlens 70-200mm F2.8 + 77mm filter	500		5,5 to 15,5m / 7 to 20,5 m					
TTC020	MFIII : Man.Zoomlens 8-48mm F1.2, 1/2" + 49mm filter	1000		2,3 to 15m / 2,5 to 20m					
TTC021	MFIII : Man.Zoomlens 12,5-75mm, F1.2, 2/3" + 55mm filter	1333		2 to 14m / 1,5 to 20m					
TTC023	MFIII : Mot.Zoomlens 8-80mm, F1.2, 1/2" + 62mm filter	1000		2,5m to 23,5m / 3 to 30m					
TTC024	MFIII : Mot.Zoomlens 12-120mm, F1.8, 1/2" + 62mm filter	1000		3,5 to 28m / 4 to 46m					
P703	Upgrade to Motorized IRIS for MFII camera's								
<b>3) Camera mounting</b>									
P087	Low cost camera tripod								
P294	Professional camera tripod								
P233	Metal pole with metal base and underground fixation			inside of athletic track (3.2m height)					
P326	Optional for metal camera pole: Mobile foot								
P160	Low cost camera head								
P297	Professional camera head (manual)								
TTC520	1motor 3D camera head + (P041) batt. + (P072) charger + (P468) camera head			remote control: hor. camera direction					
TTC521	3 motor 3D camera head + (P041) batt. + (P072) charger + (P468) camera head			remote control: camera direction (3D)					
P434	Camera ceiling mounting								
P740	Camera wall mount								
<b>4) Start detector</b>									
P138	Pushbutton (Start button)			cycling					
P633	Pistol start detector (double channel)			athletics,...					
<b>5) Finish detector</b>									
P134	Pushbutton (remote arrival button)			horseraces,cycling					
TTC080	Photocells (transmit+receiver set)+3m cable+(P041)batt.+(P072)charger			athletic clubs					
TTC081	Set of 2 metal tripods for photocell set + (P086) L-pieces			athletic clubs					
TTC082	Double photocell beams into 2 alu poles+batt.+charger+ tripods+ext.cable			national athletic stadiums					
P103	Photocells (transmitter+receiver set) in waterproof box (without cables)			greyhoundraces					
<b>6) Extension cables</b>									
P063	Reel with cable 50m length, 5 wires, incl connectors	5 wire cable on reel		extension for any signal					
P064	Reel with cable 100m length, 5 wires, incl connectors	5 wire cable on reel		extension for any signal					
P795	Reel with cable 100m length, 3 wires, incl connectors	3 wire cable on reel		extension for start signal					
P613	12 wire cabling (pro meter)	underground cable		for all athletic signals					
P582	12 wire connection box OUTDOOR USE	fixed installation		for all athletic connections					
P700	Underground splitbox	fixed installation		for all athletic connections					
TTC089	12 wire connection box at finish Semi-Fixed OUTDOOR	semi-fixed		for all athletic connections					
P611	12 wire connection reel (with 80m cable) OUTDOOR USE	mobile cabling		for all athletic connections					
P678	12p male plug	fixed installation							
P727	12p female plug								
P754	Backup-fotofinish startsignal cable 12m	only to connect main with back-up system							
P275	Extra meter camera cable (only for MFII USB)								
P670	MFII/III Ethernet cable Crossed 15m								
P671	MFII/III Ethernet cable Crossed 30m								
P672	MFII/III Ethernet cable Crossed 50m								
P673	MFII/III Ethernet cable Crossed 80m								
P244	Serial cable to PC (female)								
P245	Serial cable to PC (male)								
P532	Serial Cable Windspeed for MFII/III Ethernet	for Ethernet configurations		for athletics					
P105	Cable Windspeed <-> Windspeed scoreboard	for USB configurations		for athletics					
P229	12m 5 wire extension cable	for USB configurations		for athletics					
<b>7) Computer</b>									
P004	Dell Portable PC	Low cost portable		Latitude D520					
P002	Dell Portable PC with CD writer & TV-video	Professional portable		Latitude D830					
P003	Dell Desktop PC with 19" Flat Panel	Desktop		Optiplex 740					
P031	Stylus Photo R265/non 30ppm 5760dpi A4 USB	USB cable included		color and black & white					
P032	Dell Laserprinter 1100	USB cable included		black & white					
P013	SCSI-card 19160			for desktop PC					
P014	SCSI-card 1480			for Laptop PC					
P030	PCI Serial 2-port			for desktop PC					
P631	PCI Serial 4-port			for desktop PC					
P006	USB 1-port serial adapter								
P008	USB 4-port serial adapter								