

ThruScan® Walk-Through Metal Detectors (WTMD) COMPARISON CHART

NO	FEATURES	ThruScan/s3	ThruScan/s6	ThruScan/s9	ThruScan/sX	ThruScan/s15-i	ThruScan/sX-i	ThruScan/sX-WP
1	Technology	Microprocessor Based Digitally Controlled Pulse Induction with Very Low Frequency and No Harmful Effects on Human Health	Microprocessor Based Digitally Controlled Pulse Induction with Very Low Frequency and No Harmful Effects on Human Health	Microprocessor Based Digitally Controlled Pulse Induction with Very Low Frequency and No Harmful Effects on Human Health	Microprocessor Based Digitally Controlled Pulse Induction with Very Low Frequency and No Harmful Effects on Human Health	Microprocessor Based Digitally Controlled Pulse Induction with Very Low Frequency and No Harmful Effects on Human Health	Microprocessor Based Digitally Controlled Pulse Induction with Very Low Frequency and No Harmful Effects on Human Health. ECAC Compliance Detect all threat objects described in ECAC Doc. 30 and NIJ 0601.02 small objects meet the accuracy	Microprocessor Based Digitally Controlled Pulse Induction with Very Low Frequency and No Harmful Effects on Human Health IP 65 Outdoor operation
2	Detection Zones	3 Vertical	6 Matrix	9 Matrix	9 Matrix	15 Zones Matrix	9 Standard Parallel	9 Matrix
3	LED Zone Indicator Lights On Side Panels	No LEDs on Side Panels (Graphical Zones Display is on Control Unit)	No LEDs on Side Panels (Graphical Zones Display is on Control Unit)	YES (Continuous LED Indicators on BOTH (Left/Right) Side Panels of the WTMD)	YES (Continuous LED Indicators on BOTH (Left/Right) Side Panels of the WTMD)	YES (Continuous LED Indicators on BOTH (Left/Right) Side Panels of the WTMD)	YES (Continuous LED Indicators on One Left Side (Front/Back) Panel of the WTMD)	YES (Continuous LED Indicators on BOTH (Left/Right) Side Panels of the WTMD)
4	Separate Zone Sensitivity & Setting Feature	NO	NO	NO	Yes (Enables adjusting different Sensitivity Levels for Different 3 Height Levels of the WTMD Passage)	Yes (Enables adjusting different Sensitivity Levels for Different 3 Height Levels of the WTMD Passage)	Yes (Enables adjusting different individual settings for Each 9 Parallel Zones of the WTMD Passage)	Yes (Enables adjusting different Sensitivity Levels for Different 3 Height Levels of the WTMD Passage)
5	Throughput Rate (Maximum Detection)	30 Person/Minute	30 Person/Minute	60 Person/Minute	60 Person/Minute	60 Person/Minute	60 Person/Minute	60 Person/Minute
6	Sensitivity level & Preset security program	10 Levels / 246 Sub Sensitivity Settings 1 Standard preset international security program	10 Levels / 246 Sub Sensitivity Settings 1 Standard preset international security program	10 Levels / 246 Sub Sensitivity Settings 1 Standard preset international security program	20 Levels / 246 Sub Sensitivity Settings, 7 preset international security programs	20 Levels / 246 Sub Sensitivity Settings, 10 preset international security programs	25 Levels / 246 Sub Sensitivity Settings, 10 preset international security programs	20 Levels / 246 Sub Sensitivity Settings 7 preset international security programs
7	Alarm Counter	YES/5 digit	YES/5 digit	YES/5 digit	YES/5 digit	YES/5 digit	YES/5 digit	YES/5 digit
8	Counter Incoming & Outgoing & Hidden Counter settings	ONE WAY IN COUNTER (5 digit Hidden Counter)	ONE WAY IN COUNTER (5 digit Hidden Counter)	TWO WAY COUNTER IN/OUT (5 digit Hidden Counter)	TWO WAY COUNTER IN/OUT (5 digit Hidden Counter)	TWO WAY COUNTER IN/OUT (5 digit Hidden Counter)	TWO WAY COUNTER IN/OUT (5 digit Hidden Counter)	TWO WAY COUNTER IN/OUT (5 digit Hidden Counter)
9	Green/Red Bicolor Traffic Through LED Indication	YES	YES	YES	YES	YES	YES	YES
10	Tri-Color Metal Density Display Vu-Meter LED Bar Graph	YES	YES	YES	YES	YES	YES	YES
11	Auto Calibration	YES	YES	YES	YES	YES	YES	YES
12	Perform Self Test at Start Up and Continuously Check the System for Failures with Automatic Failure Display Function	YES	YES	YES	YES	YES	YES	YES

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13	Environmental Magnetic Noise Level Display Feature	YES	YES	YES	YES, REAL TIME GRAPHICAL DISPLAY	YES, REAL TIME GRAPHICAL DISPLAY	YES, REAL TIME GRAPHICAL DISPLAY	YES, REAL TIME GRAPHICAL DISPLAY
14	Mechanical Lock & PIN Code for Menu Access	NO 4 Digit PIN Code	NO 4 Digit PIN Code	YES MECHANICAL LOCK + 4 Digit PIN Code	YES MECHANICAL LOCK + 4 Digit PIN Code	YES MECHANICAL LOCK + 4 Digit PIN Code	YES MECHANICAL LOCK + 4 Digit PIN Code	YES MECHANICAL LOCK + 4 Digit PIN Code
15	LCD	4*20 Character LCD	4*20 Character LCD	4*20 Character LCD	64*128 Graphic (GLCD)	64*128 Graphic (GLCD)	64*128 Graphic (GLCD)	64*128 Graphic (GLCD)
16	IP Protection Level	IP 20 (EN 60529) OPTIONAL IP 65 (EN 60529)	IP 20 (EN 60529) OPTIONAL IP 65 (EN 60529)	IP 44 (EN 60529) OPTIONAL IP 65 (EN 60529)	IP 44 (EN 60529) OPTIONAL IP 65 (EN 60529)	IP 44 (EN 60529) OPTIONAL IP 65 (EN 60529)	IP 65 (EN 60529)	IP 65 (EN 60529)
17	IR Pass Sensor ON/OFF Feature for continuously Active or Sensor Activated Detection Mode Selections	Yes	Yes	No	Yes, ON/OFF Feature for continuously Active or Sensor Activated Detection Mode Selections	Yes, ON/OFF Feature for continuously Active or Sensor Activated Detection Mode Selections	Yes, ON/OFF Feature for continuously Active or Sensor Activated Detection Mode Selections	Yes, ON/OFF Feature for continuously Active or Sensor Activated Detection Mode Selections
18	Real Time Environmental Magnetic Noise Level Graphical Display	No	No	No	Yes	Yes	Yes	Yes
19	Telemetry Program enabling cable connection to PC, Changes with the Settings and Statistical Data Recording is available.	Yes, SRC Scada Telemetry - Basic Program interface between WTMD and a PC with 100 m cable connection for Changing Settings Software Optional	Yes, SRC Scada Telemetry - Basic Program interface between WTMD and a PC with 100 m cable connection for Changing Settings Software Optional	Yes, SRC Scada Telemetry - Basic Program interface between WTMD and a PC with 100 m cable connection for Changing Settings, Monitoring of Alarms and Counters Software Optional	Yes, SRC Scada Telemetry - Basic Program interface between WTMD and a PC with 100 m cable connection for Changing Settings, Monitoring of Alarms and Counters. Software Optional	No	YES, SRC Scada REAL TIME Telemetry Program interface between WTMD and a PC with 100 m cable connection for REAL TIME Monitoring of Zonal Alarm, Counter Display, Changing Settings and Statistical Data Recording is available Software Optional	Yes, SRC Scada Telemetry - Basic Program interface between WTMD and a PC with 100 m cable connection for Changing Settings, Monitoring of Alarms and Counters. Software Optional
20	Battery Operation Without Mains 2 hrs (for a longer - optional) Against Electricity Cut Off	Yes (Optional)	Yes (Optional)	Yes	Yes	Yes	(1/2 hour) 2-3 hours and further optionally	Yes
21	Battery Operation indicator on Control Unit	Yes Optional	Yes Optional	Yes	Yes	Yes	Yes	Yes
22	Audible and visual warning before the Automatically Shut Down the WTMD to prevent battery from deep discharge	No	No	Yes, Audible and visual warning before the Automatically Shut Down the WTMD	Yes, Audible and visual warning before the Automatically Shut Down the WTMD	Yes, Audible and visual warning before the Automatically Shut Down the WTMD	Yes, Audible and visual warning before the Automatically Shut Down the WTMD	Yes, Audible and visual warning before the Automatically Shut Down the WTMD
23	Relay Output	No	No	Yes	Yes	Yes	Yes	Yes
24	Video Prosecution Unit (CCTV)	No	No	No	Yes (Optional) Camera Assembly/Embedded DVR Unit/SD Card/Video Out Socket for TV Connection (TV Not Included in Package)	Yes (Optional) Camera Assembly/Embedded DVR Unit/SD Card/Video Out Socket for TV Connection (TV Not Included in Package)	Yes (Optional) Camera Assembly/Embedded DVR Unit/SD Card/Video Out Socket for TV Connection (TV Not Included in Package)	Yes (Optional) Camera Assembly/Embedded DVR Unit/SD Card/Video Out Socket for TV Connection (TV Not Included in Package)

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25	IRDA (Pilot) Remote Control Unit	No	No	No	Yes (Optional)	Yes (Optional)	Yes (Optional)	Yes (Optional)
26	Audio/Visual Alarm Range	2 meter	2 meter	4 meter	4 meter	4 meter	4 meter	4 meter
27	Automatic Frequency Selection Feature for Interference	YES	YES	YES	YES	YES	YES	YES
28	Interference free operation	10 cm distance constant metal / 200 cm distance moving metallic object	10 cm distance constant metal / 200 cm distance moving metallic object	10 cm distance constant metal / 200 cm distance moving metallic object	10 cm distance constant metal / 200 cm distance moving metallic object	10 cm distance constant metal / 200 cm distance moving metallic object	10 cm distance constant metal / 150 cm distance moving metallic object	10 cm distance constant metal / 200 cm distance moving metallic object
29	Ambient Temperature	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C
30	Weight	60 Kg	60 Kg	60 Kg	61 Kg	61 Kg	61 Kg	63 Kg
31	Installation Net / External dimensions	Net / External	Net / External	Net / External	Net / External	Net / External	Net / External	Net / External
	Width	74 / 85	74 / 85	74 / 85	74 / 85	74 / 85	74 / 85	74 / 85 (Rain Shelter: 94)
	Height	201 / 220	201 / 220	201 / 220	201 / 220	201 / 220	202 / 221	201 / 220 (Rain Shelter: 223)
	Depth	68 / 68	68 / 68	68 / 68	68 / 68	68 / 68	68 / 68	68 / 68 (Rain Shelter: 60)
32	Language Menu	English, German, Spanish, Turkish	English, German, Spanish, Turkish	English, German, Spanish, Turkish	English, German, Spanish, Turkish	English, German, Spanish, Turkish	English, German, Spanish, Turkish, Arabic	English, German, Spanish, Turkish
33	Adjustable Random Alarm Feature (0% to 100%)	No	No	No	No	Yes. Different Alarm tone for no metal detected	Yes. Different Alarm tone for no metal detected	No
34	Statistics storage feature	No	No	No	No	No	Yes, Time and metal density of the last 50 detections are stored and can be displayed on the GLCD	No