6 series matrix draft

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Feature	Metor 6E	Metor 6M	Metor 6S	Metor 6WP
Application	aviation, government, events, mass transit	general versatile	prisons, theft prevention	police, embassy, events
Main feature	60 pinpointing zones, alarm distribution data, futureproof	true multizone with proven clientele	extremely high sensitivity	IP65 - outdoors, portablility, "no tools" assembly
Regulatory compliance	STAC, CAAC, EU Std 2, NIJ-Med/Lg	EU Std 2, CAAC, NIJ-Med/Lg	NIJ all levels detection performance	EU Std 2, NIJ-Lg
Competition	02PN20, PMD3plus	HiPe, PD6500i	SMD601, SMD600	Classic, PMD2/HiPe elliptic, M-Scope
Throughput capability	OOOOO	OOOO	OO	OOO
Discrimination	OOOOO	OOOO	O	OOO
Detection capability (size)	OOOO	OOOO	OOOOO	OOO
Price tag	OOOOO	OO	OOO	OOOO
References		US Marshall Service	Foxconn, China	Navsea, US
User friendliness	Automatic sensitivity and frequency selection, menu type user interface, ON/Standby softkey, built in help texts			
Location display	An integrated 2-dimensional location display on exit side of the coil panels indicating the location of the detected metal object(s) by pinpointing either left, right or center position of the height where the item(s) passed through the metal detector. The location display has 20 vertical and 3 horizontal segments resulting in a total resolution of 60 pinpointing segments within the unit's aperture.	20 vertical LED segments to improve the location accuracy. One display light bar as a standard on TX panel, additional light bar to TX and 2 to RX panels optionally.	20 vertical LED segments to improve the location accuracy. One display light bar as a standard, optional second light bar for dual side operation.	20 vertical LED segments to improve the location accuracy. Two display light bars as a standard on both sides of TX panel.
Detection zones	10 independently adjustable detection zones	9 independently adjustable detection zones	8 independently adjustable detection zones	Independently adjustable floor level sensitivity
Alarm distribution data	For more in depth analyses of the statistical data Metor 6E provides information on the distribution of the alarms throughout the vertical height of its aperture. The unit collects the number of alarms resulted in each vertical segment and indicates it as % of overall alarms.	N/A	N/A	N/A
Dual random alarm	Metor can be set to randomly alarm for selected percentage (0-100%) of non-alarming people passing through the metal detector and/or to generate a distinct alarm randomly for a selected percentage (0-100%) of alarming people to allow random pat down checking of people who generated a natural alarm due to metal items they carried on them.			
Calibration Guard .	Calibration Guard provides added tamper resistance by continuously observing the calibration parameters. When any of the calibration parameters are changed from the saved value a warning message is shown.			
Power Guard	Power Guard that activates an alarm when the unit loses power i.e. the power cord is disconnected or there is an internal power failure.			
Ready state violation	Ready state violation monitors the operation and alarms in case of a person accessing when the system is not ready for normal operation e.g. in case when two persons are passing through the metal detector too close to each other.			
The traffic lights facilitate controlling the traffic flow through the checkpoint. The Metor has traffic lights that utilize international signs for "STOP" and "GO". The traffic lights are integrated into the crosspiece in order to provide the best possible visibility.	Standard	Optional	Optional	Optional
Standby button	The Metor display unit incorporates a standby button. During standby mode metal detection is disabled, traffic lights, display and other possible power indications are turned off. The standby feature saves power when the unit not in use and allows resuming to normal operation instantly when the security line is re-opened.			
Display	The alphanumeric display is a 2x20 character display. It indicates the relative size of the metal object on bar graph. All programming and statistical as well as error information is shown with explicit text format on the display.			
User interface menu	The user interface menu structure groups the Metor functions into six main categories. Similar functions can be found under same main menu which makes the user interface logical and easy-to-use for the users.			
Build-in help texts	The build-in help texts guide the user when navigating through the menu structure. Metor is easy to use even without manual.			
A wireless bi-directional remote control unit as an alternative means of programming to the keyboard on the display unit. Bi-directional operation enables loading parameters from one Metor and sending the same parameters to other Metor with ease.	Standard	Optional	Optional	Optional
Tamperproof	All the cabling and connections except external power supply are tamperproof and located inside the crosspiece. The crosspiece is key-locked preventing any unauthorized persons to access the electronics unit or remote control unit.			
On/Off switch	Metor is equipped with one On/Off switch. The power switch is accessible by opening the crosspiece lid with key			
Fully configurable user access rights	Metor has fully configurable user access rights. This allows different type of users to have access to all or only some specific functions: 1 Super user, 8 fully configurable users, up to 99 users with individual user rights			
Mechanical construction	The panels are finished in laminate with plastic location display profiles. The coil panels are equipped with integrated boots. The crosspiece is made of aluminum that provides excellent durability.	The panels are finished in laminate with plastic location display profiles. The coil panels are equipped with integrated boots. The crosspiece is made of aluminum that provides excellent durability.	The panels are finished in laminate with plastic location display profiles. The coil panels are equipped with integrated boots. The crosspiece is made of aluminum that provides excellent durability.	The panels are of PVC with plastic location display profiles. The coil panels are equipped with integrated boots and hats for additional protection and shock resistance. The aluminum crosspiece provides excellent durability.
Access code protection	Parameter adjustments are access code protected. Access code protection eliminates any unauthorized tampering with parameters. Only authorized personnel can change the access code.			
User interface locks down	The user interface locks down after entering a wrong access code three times.			
Secure remote control operation	The remote control operation is also secured with code hopping algorithm.			
Numeric and alphanumeric access codes	Metor enables both numeric and alphanumeric access codes as user selectable feature.			
Parameter copying	Parameters can be copied from one Metor to remote control unit and vice versa			
Continuously active	Metor is continuously active. At no time is it possible to toss, pass or slide a contraband item through undetected. No photoelectric, infrared, or other sensor device is used to enable and disable the detection circuitry and thus mask the impact of external interference.			
Network connectivity	Direct to Ethernet via RJ45 connector	via ADAM converter	via ADAM converter	via ADAM converter
Weight	65 kg (143 lbs)	63 kg (139 lbs)	63 kg (139 lbs)	41 kg (90 lbs)
Crosspiece width (interior); optional width by flanges	76cm/30" standard 81cm/32" optional	76cm/30" standard 81cm/32" optional	71cm/28" standard	76cm/30" standard 81cm/32" optional
Protection classification	IP55	IP55	IP55	IP65