









No	Sub-system	Name	Module	Apperance	Description	Key Feature	Supplier	Overse as Released	5200-E integration	Technical Spec	Installation Guidline	CE Certification	FCC Certification	Other Certification	Remark	
1	Only for Card/Ticket Scenario Products	Entrance Controller(Use Card)	DS-TME401-TRL		Entrance, Connect 4 IPC at most. Distributed 350 cards at most. Support offline charge, speaker, LED word display, car detect, take and read card, audio chat, barrier gate control.	Entrance, Connect 4 IPC at most. Distributed 350 cards at most. Support offline charge, speaker, LED word display, car detect, take and read card, audio chat, barrier gate control.	Hikvison	No	Yes	Yes	Yes	No	No	No	the sales strategy depends country/project information	
2		Exit Controller(Use Card)	DS-TME402-TRL		Exit, Connect 4 IPC at most. Distributed 350 cards at most. Support offline charge, speaker, LED word display, car detect, take and read card, audio chat, barrier gate control.	Exit, Connect 4 IPC at most. Distributed 350 cards at most. Support offline charge, speaker, LED word display, car detect, take and read card, audio chat, barrier gate control.	Hikvison	No	Yes	Yes	Yes	No	No	No	the sales strategy depends country/project information	
3		Entrance Controller(Ticket)	DS-TME401-TPL		Entrance, HDD not included, Support offline charge, audio speaker, barrier gate control, Paper ticket output, LED word display, audio remind.	Entrance, HDD not included, Support offline charge, audio speaker, barrier gate control, Paper ticket output, LED word display, audio remind.	Hikvison	No	No	Yes	Yes	No	No	No	the sales strategy depends country/project information	
4		Exit Controller(Ticket)	DS-TME402-TPL		Exit, HDD not included, Support offline charge, audio speaker, barrier gate control, Paper ticket output, LED word display, audio remind.	Exit, HDD not included, Support offline charge, audio speaker, barrier gate control, Paper ticket output, LED word display, audio remind.	Hikvison	No	No	Yes	Yes	No	No	No	the sales strategy depends country/project information	
5		Entrance Controller(Economic)	DS-TME401-TL-S		Entrance, HDD not included, Support chat, no card output and paper tickets, support LED audio remind, it support to charge and allow car when system offline.	Entrance, HDD not included, Support chat, no card output and paper tickets, support LED audio remind, it support to charge and allow car when system offline.	Hikvison	No	No	Yes	Yes	No	No	No	the sales strategy depends country/project information	
6		Exit Controller(Economic)	DS-TME402-TL-S		Exit, HDD not included, Support chat, no card output and paper tickets, support LED audio remind, it support to charge and allow car when system offline.	Exit, HDD not included, Support chat, no card output and paper tickets, support LED audio remind, it support to charge and allow car when system offline.	Hikvison	No	No	Yes	Yes	No	No	No	the sales strategy depends country/project information	
7		Card issuer	DS-K1F100-D8E		Plug-and-play USB with no-driver technology, Supports various card types (Mifare card, and EM card)	Plug-and-play USB with no-driver technology, Supports various card types (Mifare card, and EM card)	Hikvison	Yes	N/A	Yes	Yes	Yes	Yes	Yes	No	
8		Card	IC S50		Mifare 1 Contactless Smart card, Frequency: 13.56vMHz	Mifare 1 Contactless Smart card, Frequency: 13.56vMHz	Hikvison	Yes	N/A	Yes	Yes	Yes	No	No		

9		Thermosensitivity ticket	Customer-self		Paper Ticket width:58.5mm diameter of paper roll: less than 100mm Paper ticket thickness between 60 and 100um	Paper Ticket width:58.5mm diameter of paper roll: less than 100mm Paper ticket thickness between 60 and 100um	Customer-self	N/A	N/A								
10		Ticket Scanning Gun	Customer-self		suggest: Honeywell, Model: MS7120, interface:RS232	suggest: Honeywell, Model: MS7120, interface:RS232	Customer-self	N/A	N/A								
11	Front-end System-LPR&light	LPR Camera Unit	DS-TCG225		2MP,1920*1080,CMOS, 1/3",25fps, 5.2~13mm motorized lens, Embedded two LED lights.	2MP,1920*1080,CMOS, 1/3",25fps, 5.2~13mm motorized lens, Embedded two LED lights.	Hikvision	No	No	Yes	Yes	No	No	No	No	No	the sales strategy depends country/project information
12		LPR Camera	EVU-2136-ITIR		1/3" CCD sensor, 1360x1024 resolution with real-time video, 3x high performance LEDs, 2.7~12mm vari-focal lens, Detection distance: 3.5~15m, Support relays output for vehicle barrier controlling, Support Loop triggering or video triggering, 5x RS485 interfaces, Built-in ANPR algorithm	1/3" CCD sensor, 1360x1024 resolution with real-time video, 3x high performance LEDs, 2.7~12mm vari-focal lens, Detection distance: 3.5~15m, Support relays output for vehicle barrier controlling, Support Loop triggering or video triggering, 5x RS485 interfaces, Built-in ANPR algorithm	Hikvision	Yes	Yes	Yes	Yes	Yes	No	No			
13		Outdoor box with housing	DS-2CD4026 FWD/P-IRA(11-40mm)(B) (海外标配)		2MP,1920*1080,CMOS, 1/1.8",60fps, 120dB WDR, Embedded Six LED lights.Support relays output for vehicle barrier controlling, Support Loop triggering or video triggering,Radar, Built-in ANPR algorithm.	IPC Series	Hikvision	Yes	under test	YES	YES	YES	YES	YES	YES		
14		Outdoor entrance\exit Bullet	DS-2CD4A26 FWD-IZHS/P(8-32mm)(海外标配)		2MP,1920*1080,CMOS, 1/1.8",60fps, 120dB WDR, .Support relays output for vehicle barrier controlling, Support Loop triggering , Built-in ANPR algorithm. -IZHS:850 nm IR wavelength, up to 50 meters IR range Lens:8-32mm	IPC Series	Hikvision	Yes	under test	YES	YES	YES	YES	YES	YES		
15		Outdoor entrance\exit Bullet	DS-2CD4A26 FWD-IZHS/P(2.8-12mm)(海外标配)		2MP,1920*1080,CMOS, 1/1.8",60fps, 120dB WDR, .Support relays output for vehicle barrier controlling, Support Loop triggering , Built-in ANPR algorithm. -IZHS:850 nm IR wavelength, up to 50 meters IR range Lens:2.8-12mm	IPC Series	Hikvision	Yes	under test	YES	YES	YES	YES	YES	YES		
16		Bluetooth Card Reader	DS-TRI400-4		Distance range between 3m and 30m, support Wiegand and 485 output.	Distance range between 3m and 30m, support Wiegand and 485 output.	Hikvision	Yes	Yes	Yes	Yes	Yes	No	No			

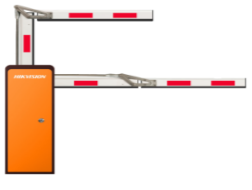
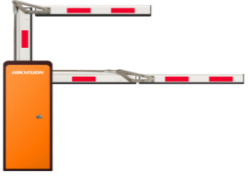

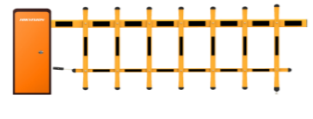
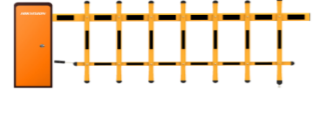


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17	Front-end System-Bi	Bluetooth Card Distribution devcie	DS-TRD400-4		Support USB、 WG26、 RS232 protocol to distribute card.	Support USB、 WG26、 RS232 protocol to distribute card.	Hikvison	Yes	Yes	Yes	Yes	Yes	No	No	
18		Bluetooth Card	DS-TRC400-4		433M , support to read when the distance between 3 and 30m	433M , support to read when the distance between 3 and 30m	Hikvison	Yes	N/A	Yes	Yes	Yes	No	No	
19	Front-end System	Coil trigger mode-Vehicle Detector\by device	LD-2202-R		support to input connect 2 coil cables and output 2 electric relay. It used for car detect.	support to input connect 2 coil cables and output 2 electric relay. It used for car detect.	Hikvison	Yes	No	Yes	Yes	No	No	No	the sales strategy depends country/project information
20	Front-end System-Pole	Entrance\Exit LED Screen	IS-TVL224-4-5EY		Display available car lot, and license plate, audio remind.	Display available car lot, and license plate, audio remind.	Hikvison	Yes	Yes	Yes	Yes	Yes	No	RoHS	
21		Pole for LPR camera unit	ESP-L1300-R117 TC		Pole for LPR camera unit, length: 1.3m	Pole for LPR camera unit, length: 1.3m	Hikvison	Yes	N/A	No	No	No	No	No	
22		Pole for LPR camera unit	ESP-L2500-X1300-		Pole for LPR camera unit, length: 2.5m	Pole for LPR camera unit, length: 2.5m	Hikvison	Yes	N/A	No	No	No	No	No	
23		Pole for LPR camera and Light	L1600-R117(ES P-24)		Pole for LPR camera and Light, length: 1.6m	Pole for LPR camera and Light, length: 1.6m	Hikvison	Yes	N/A	No	No	No	No	No	Domestic SAP: 190601071
24		Pole for LPR camera and Light	L2500-X150-X1300-		Pole for LPR camera and Light, length: 2.5m	Pole for LPR camera and Light, length: 2.5m	Hikvison	Yes	N/A	No	No	No	No	No	
25		Pole for LED screen	L1000/1300-R117(LE		Pole for LED screen, it support to change the length between 1m and 1.3m.	Pole for LED screen, it support to change the length between 1m and 1.3m.	Hikvison	Yes	N/A	No	No	No	No	No	302101931
26	Barrier Gate-straight-arm	DS-TMG400-HL			Barrier type: high speed Lift-up speed: 1.6-2s Arm form: 3m,straight-arm Colour: red Arm moving direction: leftward Input power supply: 220V 50Hz Anti-falling	Barrier type: high speed Lift-up speed: 1.6-2s Arm form: 3m,straight-arm Arm moving direction: leftward	Hikvison	Yes	N/A	Yes	Yes	Yes	No	No	
27	Barrier Gate-straight-arm	DS-TMG400-HR		Barrier type: high speed Lift-up speed: 1.6-2s Arm form: 3m,straight-arm Colour: red Arm moving direction: rightward Input power supply: 220V 50Hz Anti-falling	Barrier type: high speed Lift-up speed: 1.6-2s Arm form: 3m,straight-arm Arm moving direction: rightward	Hikvison	Yes	N/A	Yes	Yes	Yes	No	No		


28	Barrier Gate- straight-arm	DS- TMG400- ML		Barrier type: middle speed Lift-up speed: 3s Arm form: 4m, straight-arm Colour: red Arm moving direction: leftward Input power supply: 220V 50Hz Anti-falling	Barrier type: middle speed Lift-up speed: 3s Arm form: 4m, straight-arm Arm moving direction: leftward	Hikvision	Yes	N/A	Yes	Yes	Yes	No	No	
29	Barrier Gate- straight-arm	DS- TMG400- MR		Barrier type: middle speed Lift-up speed: 3s Arm form: 4m, straight-arm Colour: red Arm moving direction: rightward Input power supply: 220V 50Hz Anti-falling	Barrier type: middle speed Lift-up speed: 3s Arm form: 4m, straight-arm Arm moving direction: rightward	Hikvision	Yes	N/A	Yes	Yes	Yes	No	No	
30	Barrier Gate- straight-arm	DS- TMG400- LL		Barrier type: low speed Lift-up speed: 6s Arm form: 6m, straight-arm Colour: red Arm moving direction: leftward Input power supply: 220V 50Hz Anti-falling	Barrier type: low speed Lift-up speed: 6s Arm form: 6m, straight-arm Arm moving direction: leftward	Hikvision	Yes	N/A	Yes	Yes	Yes	No	No	
31	Barrier Gate- straight-arm	DS- TMG400- LR		Barrier type: low speed Lift-up speed: 6s Arm form: 6m, straight-arm Colour: red Arm moving direction: rightward Input power supply: 220V 50Hz Anti-falling	Barrier type: low speed Lift-up speed: 6s Arm form: 6m, straight-arm Arm moving direction: rightward	Hikvision	Yes	N/A	Yes	Yes	Yes	No	No	
32	Barrier Gate- 90°crank-arm	DS- TMG401- ML(1.5+1 .5)		Barrier type: middle speed Lift-up speed: 3s Arm form: 1.5+1.5m, 90°crank-arm Colour: red Arm moving direction: rightward Input power supply: 220V 50Hz Anti-falling	Barrier type: middle speed Lift-up speed: 3s Arm form: 1.5+1.5m, 90°crank-arm Arm moving direction: rightward	Hikvision	Yes	N/A	Yes	Yes	Yes	No	No	
33	Barrier Gate- 90°crank-arm	DS- TMG401- MR(1.5+ 1.5)		Barrier type: middle speed Lift-up speed: 3s Arm form: 1.5+1.5m, 90°crank-arm Colour: red Arm moving direction: rightward Input power supply: 220V 50Hz Anti-falling	Barrier type: middle speed Lift-up speed: 3s Arm form: 1.5+1.5m, 90°crank-arm Arm moving direction: rightward	Hikvision	Yes	N/A	Yes	Yes	Yes	No	No	
34	Barrier Gate- 90°crank-arm	DS- TMG401- ML(2+2)		Barrier type: middle speed Lift-up speed: 3s Arm form: 2+2m, 90°crank-arm Colour: red Arm moving direction: leftward Input power supply: 220V 50Hz Anti-falling	Barrier type: middle speed Lift-up speed: 3s Arm form: 2+2m, 90°crank-arm Arm moving direction: leftward	Hikvision	Yes	N/A	Yes	Yes	Yes	No	No	
35	Barrier Gate- 90°crank-arm	DS- TMG401- MR(2+2)		Barrier type: middle speed Lift-up speed: 3s Arm form: 2+2m, 90°crank-arm Colour: red Arm moving direction: rightward Input power supply: 220V 50Hz Anti-falling	Barrier type: middle speed Lift-up speed: 3s Arm form: 2+2m, 90°crank-arm Arm moving direction: rightward	Hikvision	Yes	N/A	Yes	Yes	Yes	No	No	

Front-end System-Barrier Gate

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36	Barrier Gate-90°crank-arm	DS-TMG401-LL		Barrier type: low speed Lift-up speed: 6s Arm form: 2.5+2.5m,90°crank-arm Colour: red Arm moving direction: leftward Input power supply: 220V 50Hz Anti-failing	Barrier type: low speed Lift-up speed: 6s Arm form: 2.5+2.5m,90°crank-arm Arm moving direction: leftward	Hikvision	Yes	N/A	Yes	Yes	Yes	No	No	
37	Barrier Gate-90°crank-arm	DS-TMG401-LR		Barrier type: low speed Lift-up speed: 6s Arm form: 2.5+2.5m,90°crank-arm Colour: red Arm moving direction: rightward Input power supply: 220V 50Hz Anti-failing	Barrier type: low speed Lift-up speed: 6s Arm form: 2.5+2.5m,90°crank-arm Arm moving direction: rightward	Hikvision	Yes	N/A	Yes	Yes	Yes	No	No	
38	Barrier Gate-fence	DS-TMG403-LL		Barrier type:low speed Lift-up speed:6s Arm form: 5m,fence Colour: red Arm moving direction: leftward Input power supply: 220V 50Hz Anti-failing	Barrier type:low speed Lift-up speed:6s Arm form: 5m,fence Arm moving direction: leftward	Hikvision	Yes	N/A	Yes	Yes	Yes	No	No	
39	Barrier Gate-fence	DS-TMG403-LR		Barrier type: low speed Lift-up speed: 6s Arm form: 5m,fence Colour: red Arm moving direction: rightward Input power supply:220V 50Hz Anti-failing	Barrier type: low speed Lift-up speed: 6s Arm form: 5m,fence Arm moving direction: rightward	Hikvision	Yes	N/A	Yes	Yes	Yes	No	No	
40	Barrier Gate-fence	DS-TMG403-LL		Barrier type:low speed Lift-up speed:6s Arm form: 5m,fence Colour: red Arm moving direction: leftward Input power supply: 220V 50Hz Anti-failing	Barrier type:low speed Lift-up speed:6s Arm form: 5m,fence Arm moving direction: leftward	Hikvision	Yes	N/A	Yes	Yes	Yes	No	No	
41	Barrier Gate-fence	DS-TMG403-LR		Barrier type: low speed Lift-up speed: 6s Arm form: 5m,fence Colour: red Arm moving direction: rightward Input power supply:220V 50Hz Anti-failing	Barrier type: low speed Lift-up speed: 6s Arm form: 5m,fence Arm moving direction: rightward	Hikvision	Yes	N/A	Yes	Yes	Yes	No	No	
42	Entrance\Exit Controller or charge terminal in Security Booth	DS-TPE100(P S-1T)		4x 10/100Mbps Ethernet interfaces, 2x 1000Mbps Ethernet interfaces, 3x RS232 interfaces, 2x RS485 interfaces, 4x USB2.0 interfaces, 2x I/O interfaces, 4x relays outputs, 1x VGA output, 1x Audio I/O, 1x HDMI output	4x 10/100Mbps Ethernet interfaces, 2x 1000Mbps Ethernet interfaces, 3x RS232 interfaces, 2x RS485 interfaces, 4x USB2.0 interfaces, 2x I/O interfaces, 4x relays outputs, 1x VGA output, 1x Audio I/O, 1x HDMI output	Hikvision	Yes	Yes	Yes	Yes	Yes	No	No	
43	Entrance\Exit Controller or charge terminal in Security Booth	DS-TPE100(P S-2T)		1T/2T/4T HDD included Built-in iVMS software with Parking System module: B&W List Alarm, Barrier Linkage Control, Fuzzy Search, Multiple Parking Event	Built-in iVMS software with Parking System module: B&W List Alarm, Barrier Linkage Control, Fuzzy Search, Multiple Parking Event Alarm, Vehicle traffic flow report, Lot availability output to external LED indicator.	Hikvision	Yes	Yes	Yes	Yes	Yes	No	No	

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44	Security Booth De F.M.I.D	Entrance\Exit Controller or charge terminal in	DS-TPE100(P S-4T)		Alarm, Vehicle traffic flow report, Lot availability output to external LED indicator.		Hikvison	Yes	Yes	Yes	Yes	Yes	No	No		
45		Terminal Monitor	Customer-self				Customer-self		N/A							
46		Keyboard and Mouse	Customer-self					Customer-self		N/A						
47		Access Switch and Power Adapter	Customer-self					Customer-self		N/A						
48		PC server	Customer-self					Customer-self		N/A					No	
49		microphone and speaker	Customer-self					Customer-self		N/A						
50	Cables and Accessories	Shielded Network Cable	STP/Y 4*2*0.5,		it will be used bewteen LPR, LED, Entrance\Exit Controller, Self-charge with VISA.	it will be used bewteen LPR, LED, Entrance\Exit Controller, Self-charge with VISA.	Customer-self		N/A							
51		Shielded twisted pair	RVVSP2 *0.75		it will be used between LPR unit and car detection device, coil control.	it will be used between LPR unit and car detection device, coil control.	Customer-self		N/A							
52		Control Cable	RVV8*0.5		it will be used between barrier gate and Entrance\Exit Controller.	it will be used between barrier gate and Entrance\Exit Controller.	Customer-self		N/A							
53		Power Cable	RVV 3*1		it will be used for LED screen, entrance\exit controller, LPR unit.	it will be used for LED screen, entrance\exit controller, LPR unit.	Customer-self		N/A							
54		Coil trigger mode-Detection Coil(50m/coil, 2 coils/Lane)	FVN49/0.26		it will be used for car detection device	it will be used for car detection device	Customer-self	No	N/A	Yes	Yes	No	No	No		
55	Coil trigger mode-Anti-failing Coil(50m/coil, 2 coils/Lane)	FVN49/0.26		it will be used for car detection device	it will be used for car detection device	Customer-self	No	N/A	Yes	Yes	No	No	No			