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LICENSE PLATE RECOGNITION



FACE RECOGNITION



OBJECT/SCENE DETECTION



PEOPLE COUNTING

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- AI CLOUD ANALYTICS
- MULTI-SITE AND MULTI-VIEWERS
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NEW

TDNVR32P16-M-Q WITH

ULTRA SMART SEARCH

LOCATE A LOST INDIVIDUAL, SPECIFIC VEHICLE OR EVIDENCE OF A SUSPECT

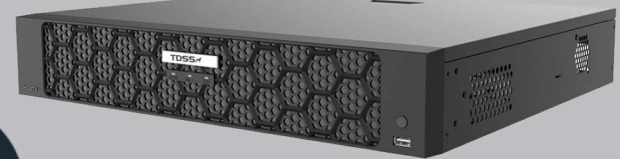
Ultra Smart Search technology, Following the innovative concept of in-depth integration, effectively utilizes both front-end and back-end intelligence to help users locate targets more conveniently, more quickly, and more accurately in massive video data.



1 Click Freeze & Frame



1 Click Pick Up



QUICKER SEARCH
EASY OPERATION
HIGH ACCURACY



	4K	PANORAMIC	PANORAMIC
Model	TDOEIM8302SA	TDOEIM830L2A-AI	TDOEIM830LIRPA-PD
			
Image Sensor	1/2.7" 8MP CMOS	1/1.8" 8MP CMOS	1/2.5" 8MP CMOS
Lens	2.8mm/F1.6, Fixed	2.8mm, Fixed	2.8mm, Fixed
H-V-D	112.9°/91.2°	111°/63°/131°	180°/65°/180°
Min. Illumination	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR on	Color: 0.0003Lux (F1.0, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.0, AGC ON) 0Lux with light
Day/Night	ICR	Auto / Manual	ICR / Color / B/W
WDR	120dB	120dB	130dB
Max IR/ Warm Light Dist.	98ft	98ft, Warm light	98ft, Warm light
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Max. Resolution	8MP (3840×2160)	8MP (4096 × 1860)	8MP (4096 × 1860)
Frame Rate	20fps@8MP	20fps@8MP	20fps@8MP
Multi-streaming	-	2 streams	2 streams
Special Features		Chrominance+ technology that ensures 24hr full-color images	Red and blue warning lights
Intelligent Video	Cross line detection, Intrusion	Cross line detection, Intrusion detection, Motion detection, Ultra motion detection	Cross line detection, Intrusion detection, Motion detection, Ultra motion detection, Tampering alarm, Audio detection, People counting
Compatibility	ONVIF (Profile S, Profile G, Profile T), API, SDK	ONVIF (Profile S, Profile G, Profile T), API, SDK	ONVIF (Profile S, Profile G, Profile T), API, SDK
Audio In/Out	Built-in Mic	Built-in Mic	Built-in two mics
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 512GB	Micro SD, Max. 512GB
Ingress Protection	IP67	IP67	IP67, IK10
Working Temperature	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)
Power	DC 12V±25%, PoE (IEEE 802.3af) Max. 4.5W	DC12V, PoE (IEEE 802.3af) Max. 3.9W	DC12V, PoE (IEEE 802.3 af) Max. 12.6W
Accessories	TR-JB03-I-IN, TR-JB07/WM03-G-IN, TR-UP06-IN	TR-JB03-I-IN, TR-SE24-IN, TR-UC08-C, TR-UP06-IN TR-A01-IN TR-WM03-D-IN	TR-JB03-H-IN, TR-JB07/WM03-F-IN, TR-WM03-B-IN, TR-UC08-C, TR-SE24-IN TR-SE24-A-IN



	5MP			PANORAMIC
	TDOBIM550M-AI	TDOEIM540MA-AI	TDODIM540M-AI	TDOEIM520P
Model	 	 		 
Image Sensor	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS
Lens	2.7 ~ 13.5mm, Motorized	2.7 ~ 13.5mm, Motorized	2.7 ~ 13.5mm, Motorized	1.68mm, Fixed
H-V-D	106.25° ~ 30.42°	106.25° ~ 30.42°	106.25° ~ 30.42°	180° / 100° / 180°
Min. Illumination	Color: 0.002Lux (F1.2, AGC ON) 0Lux with IR	Color: 0.002Lux (F1.2, AGC ON) 0Lux with IR	Color: 0.002Lux (F1.2, AGC ON) 0Lux with IR	Color: 0.01Lux (F2.0, AGC ON) 0Lux with IR
Day/Night	ICR / Color / B/W	ICR / Color / B/W	ICR	ICR
WDR	120dB	120dB	120dB	120dB
Max IR/ Warm Light Dist.	164ft	131ft	131ft	65ft
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Max. Resolution	5MP (2880×1620)	5MP (2880×1620)	5MP (2880×1620)	5MP (2880×1620)
Frame Rate	25fps@5MP	25fps@5MP	25/30fps@5MP	30/25fps@5MP
Multi-streaming	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~355°; Tilt: 0°~80° Rotation: 0°~355°	Pan: 0°~360°; Tilt: 0°~75° Rotation: 0°~360°
Intelligent Video	Intelligent perimeter protection, Include cross line, Intrusion, Enter area, Leave area detection	Intelligent perimeter protection, Include cross line, Intrusion, Enter area, Leave area detection	Intelligent perimeter protection, Include cross line, Intrusion, Enter area, Leave area detection	Cross line detection, Intrusion detection, Motion detection, Ultra motion detection, Tampering alarm, Audio detection
Compatibility	ONVIF (Profile S, Profile G, Profile T), API	ONVIF (Profile S, Profile G, Profile T), API	ONVIF (Profile S, Profile G, Profile T), API	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK
Audio In/Out	1 in / 1 out	Built-in Mic	Built-in Mic	Built-in Mic
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 512GB
Ingress Protection	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Working Temperature	-30°C ~ +60°C (-22°F ~ +140°F)	-40°C ~ +60°C (-40°F ~ +140°F)	-30°C ~ +60°C (-22°F ~ +140°F)	-30°C ~ +60°C (-22°F ~ +140°F)
Power	DC12V, PoE (802.3af) Max. 8W	DC12V, PoE Max. 7.0W	DC 12V±25%, PoE (IEEE 802.3af) Max. 7.0W	DC 12V, PoE (IEEE 802.3af) Max. 5.5W
Accessories	TR-JB07-D-IN, TR-UP06-B-IN	TR-JB03-H-IN, TR-JB07/WM03-F-IN, TR-UP06-IN	TR-JB04-C-IN, TR-JB07/WM04-B-IN, TR-UP06-IN	TR-JB03-G-IN, TR-JB07/WM03-G-IN, TR-WM03-D-IN, TR-UM06-E-IN, TR-A01-IN, TR-UP06-IN



	5MP			FISHEYE
Model	TDOBIM5402A-AI	TDOEIM530L2A	TDODIM2050MA-AI	TDODIM510F
				
Image Sensor	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS	1/2.7" 4 x 5MP CMOS	1/2.8" 5MP CMOS
Lens	2.8mm/F1.6, Fixed	2.8mm/F1.6, Fixed	2.7 ~ 13.5 mm/F1.2 * 4, Fixed	1.4mm/F2.0
H-V-D	96°	101.1°	110.3°~31°/57.1°~17.5°/143.4°~38.1°	360°
Min. Illumination	Color: 0.003Lux (F1.6, AGC ON) 0Lux with IR on	Color:0.003 Lux (F1.6, AGC ON) 0Lux with IR	Colour: 0.002 lux (F1.2, AGC ON) 0 lux with IR on	0.01 Lux (F2.0, AGC ON) 0Lux with IR
Day/Night	ICR	ICR	ICR	ICR
WDR	120dB	120dB	130dB	120dB
Max IR/ Warm Light Dist.	131ft	98ft	164ft IR	33ft
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Max. Resolution	5MP (2880×1620)	5MP (2880×1620)	5MP (2880*1620)*4	5MP (2592×1944)
Frame Rate	25fps@5MP	25/30fps@5MP	30fps@5MP	25/30fps@5MP
Multi-streaming	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~80° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~65° Rotation: 0°~355°	-
Intelligent Video	Intelligent perimeter protection, Include cross Line, Intrusion, Enter area, Leave area detection	Intelligent face capture, People flow counting, Perimeter protection, Cross line, Intrusion, Enter area, Area detection	Cross line, Intrusion	Heat map, Motion detection, Tampering alarm, Audio detection
Compatibility	ONVIF (Profile S, Profile G, Profile T), API	ONVIF (Profile S, Profile G, Profile T) , API,SDK	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK	ONVIF (Profile S, Profile G, Profile T), API,SDK
Audio In/Out	Built-in Mic	Built-in Mic and Speaker	Built-in Mic	Built-in 2 Mic
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 512GB	Micro SD, Max. 256GB
Ingress Protection	IP67	IP67	IP67, IK10	IP66
Working Temperature	-30°C~+60°C(-22°F~+140°F)	-30°C~+55°C(-22°F~+131°F)	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)
Power	DC12V, PoE (802.3af) Max. 5W	DC 12V±25%, PoE (IEEE 802.3af) Max. 7.5W	DC 24V±25%, AC 24V±25%, PoE (IEEE802.3bt) Max. 31W	DC12V±25%,PoE (IEEE 802.3af) Max. 8.5W
Accessories	TR-JB05-A-IN, TR-UP06-B-IN	TR-JB03-G-IN, TR-JB07/WM03-G-IN, TR-UP06-IN	TR-UF45-K-IN, TR-CE45-IN, TR-WE45-B-IN TR-WE45-A-IN, TR-UC08-A-IN, TR-UC08-B-IN TR-UP08-A-IN, TR-UP08-B-IN	TR-JB03-H-IN

	4MP		
Model	TDOBIM450MA	TDOBIM4502SA-AI	TDOBIM430L2A-AI
		NEW 	NEW 
Image Sensor	1/3" 4MP CMOS	1/3" 4MP CMOS	1/1.8" 4MP CMOS
Lens	2.8 ~ 12mm, Motorized	2.8mm/F1.6, Fixed	2.8 mm/F1.0, Fixed
H-V-D	91.5°~34°/51.0°~18.9°/96.0°~36.9°	97°/52°/107.5°	110.4°/60.5°/115.2°
Min. Illumination	Color:0.003 Lux (F1.6, AGC ON) 0Lux with IR	Color:0.003 Lux (F1.6, AGC ON) 0Lux with IR	Color:0.0003 Lux (F1.0, AGC ON)
Day/Night	ICR	ICR	Auto/ Manual
WDR	120dB	120dB	120dB
Max IR/ Warm Light Dist.	164ft	164ft	98ft
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Max. Resolution	4MP(2688×1520)	4MP(2688×1520)	4MP(2688×1520)
Frame Rate	20/25fps@4MP	25/20fps@4MP	25/20fps@4MP
Multi-streaming	2 streams	2 streams	2 streams
Special Features			Chrominance+ technology that ensures 24hr full-color images
Intelligent Video	Cross line, Intrusion	Cross line, Intrusion	Cross line, Intrusion
Compatibility	ONVIF (Profile S, Profile G, Profile T), API, SDK	ONVIF (Profile S, Profile G, Profile T), API, SDK	ONVIF (Profile S, Profile G, Profile T), API, SDK
Audio In/Out	Built-in Mic	Built-in Mic	Built-in Mic
Memory Slot	Micro SD, Max. 512GB	Micro SD, Max. 512GB	Micro SD, Max. 512GB
Ingress Protection	IP67	IP67	IP67
Working Temperature	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)
Power	DC 12V±25%, PoE (IEEE 802.3af) Max. 9.6W	DC 12V, PoE (IEEE 802.3af) Max. 5.6W	DC 12V, PoE (IEEE 802.3af) Max. 2.8W
Accessories	TR-JB05-B-IN, TR-UP06-C-IN, TR-A01-IN,TR-UC08-C	TR-JB05-B-IN, TR-UP06-C-IN TR-A01-IN,TR-UC08-C	TR-JB05-B-IN, TR-UP06-C-IN, TR-A01-IN



	4MP			PANORAMIC
Model	TDODIM4302A-D	TDODIM440MA	TDOEIM440MA	TDOBIM430LP
				
Image Sensor	1/3" 2×4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/2.9" 4MP CMOS
Lens	2.8MM @ F1.6	2.8 ~ 12mm, Motorized	2.8 ~ 12mm, Motorized	2 * 4.0mm/F1.0
H-V-D	97.7°	102.79°~ 30.86°	91.5°~34°/51.0°~18.9°/96.0°~36.9°	160°±10°
Min. Illumination	Color:0.002 Lux (F1.6, AGC ON) 0Lux with IR	Color:0.003 Lux (F1.6, AGC ON) 0Lux with IR	Color:0.003 Lux (F1.6, AGC ON) 0Lux with IR	Color:0.0005Lux (F1.0, AGC ON)
Day/Night	ICR	ICR	ICR	-
WDR	130dB	120dB	120dB	DWDR
Max IR/ Warm Light Dist.	98ft	131ft	131ft	98ft LED Distance
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Max. Resolution	4MP(2688×1520)	4MP(2688×1520)	4MP(2688×1520)	4MP (3840×1080)
Frame Rate	20/25fps@4MP	20/25fps@4MP	20/25fps@4MP	25fps@4MP
Multi-streaming	3 streams	2 streams	2 streams	2 streams
Pan/Tilt/Rotation		Pan: 3°~360°; Tilt: 0°~70° Rotation: 3°~360°	Pan: 0°~360°; Tilt: 0°~75° Rotation: 0°~360°	Pan: 0°~30°; Tilt: 0°~90° Rotation: 0°~360°
Intelligent Video	People flow counting, Perimeter protection, Cross line, Intrusion, Enter/leave area	Cross line, Intrusion	Cross line, Intrusion	Human body detection, Motion detection
Compatibility	ONVIF (Profile S, Profile G, Profile T), API, SDK	ONVIF (Profile S, Profile G, Profile T), API	ONVIF (Profile S, Profile G, Profile T), API,SDK	ONVIF (Profile S, Profile G, Profile T), API,SDK
Audio In/Out	Built-in Two Mics	Built-in Mic	Built-in Mic	Built-in speaker and dual mics
Memory Slot	Micro SD, Max. 512GB	Micro SD, Max. 256GB	Micro SD, Max. 512GB	Micro SD, Max. 256GB
Ingress Protection	IP67, IK10	IP67, IK10	IP67	IP67, IK10
Working Temperature	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)
Power	DC 12V±25%, PoE (IEEE 802.3af) Max. 9.1W	DC 12V±25%, PoE (IEEE 802.3af) Max. 7.5W	DC 12V±25%, PoE (IEEE 802.3af) Max. 7.5W	DC 12V±25%, PoE (IEEE 802.3af) Max. 6.5W
Accessories	TR-JB08, TR-A01-IN, TR-CM24-IN	TR-JB03-H-IN, TR-JB07/WM03-F-IN, TR-UP06-IN	TR-JB03-H-IN, TR-JB07/WM03-F-IN, TR-WM03-B-IN, TR-A01-IN, TR-UP06-IN, TR-UC08-C, TR-SE24-IN, TR-SE24-A-IN, TR-CM24-IN	TR-JB07-D-IN, TR-UP06-B-IN

	4MP			
Model	TDOEIM4302SA	TDOEIM4302A-PD	TDOEIM430L2A-AI	TDOEIM430L2A-AI-B
				
Image Sensor	1/3" 4MP CMOS	1/2.7" 4MP CMOS	1/1.8" 4MP CMOS	1/1.8" 4MP CMOS
Lens	2.8mm/F1.6, Fixed	2.8mm/F1.0, Fixed	2.8mm/F1.0, Fixed	2.8mm/F1.0, Fixed
H-V-D	101°	102.3°	110.4°~ 89.4°	110.4°~ 89.4°
Min. Illumination	Color:0.003 Lux (F1.6, AGC ON) 0Lux with IR	Colour: 0.001 Lux (F1.0, AGC ON) 0 lux with IR on	Color:0.003 Lux (F1.0, AGC ON) 0Lux with IR	Color:0.003 Lux (F1.0, AGC ON) 0Lux with IR
Day/Night	ICR	ICR	ICR	ICR
WDR	120dB	130dB	120dB	120dB
Max IR/ Warm Light Dist.	98ft	98ft Smart IR / 98ft White Light	98ft Smart IR / 98ft White Light	98ft Smart IR / 98ft White Light
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Max. Resolution	4MP(2688×1520)	4MP(2688×1520)	4MP(2688×1520)	4MP(2688×1520)
Frame Rate	20/25fps@4MP	30fps@4MP	20/25fps@4MP	20/25fps@4MP
Multi-streaming	2 streams	3 streams	2 streams	2 streams
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~80° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~80° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~75° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~75° Rotation: 0°~360°
Intelligent Video	Cross line, Intrusion	Cross line detection, Intrusion detection, People counting, Motion detection	Cross Line, Intrusion, Motion detection	Cross Line, Intrusion, Motion detection
Compatibility	ONVIF (Profile S, Profile G, Profile T), API	ONVIF (Profile S, Profile G, Profile T), API, SDK	ONVIF (Profile S, Profile G, Profile T), API, ,SDK	ONVIF (Profile S, Profile G, Profile T), API, ,SDK
Audio In/Out	Built-in Mic	Built-in Mic, Built-in Speaker	Built-in Mic	Built-in Mic
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 512GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)
Power	DC 12V±25%, PoE (IEEE 802.3af) Max. 6.0W	DC 12V±25%, PoE (IEEE 802.3af) Max. 9.5W	DC 12V±25%, PoE (IEEE 802.3af) Max 5.0W	DC 12V±25%, PoE (IEEE 802.3af) Max 5.0W
Accessories	TR-JB03-I-IN, TR-JB07/WM03-G-IN, TR-UP06-IN	TR-JB03-H-IN, TR-JB07/WM03-F-IN, TR-WM03-B-IN, TR-UP06-IN, TR-A01-IN	TR-JB03-I-IN, TR-JB07/WM03-G-IN, TR-WM03-D-IN, TR-UP06-IN, TR-A01-IN	TR-JB03-I-IN, TR-JB07/WM03-G-IN, TR-WM03-D-IN, TR-UP06-IN, TR-A01-IN

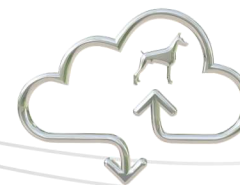


	4MP		PTZ	
Model	TDOEIM430L2A-AI+   	TDODIM4302S 	 TDPTZ4MP5IRS-PD  	TDPTZ4MP25IRST-AI-M 
Image Sensor	1/1.8" 4MP CMOS	1/3" 4MP CMOS	1/1.8" 4MP CMOS	1/2.8" 4MP CMOS
Lens	2.8mm/F1.0, Fixed	2.8mm/F1.6, Fixed	2.7 ~ 13.5mm, Motorized	4.8 ~ 120mm, Motorized
H-V-D	110.4°/60.5°/115.2°	101°	1139°/ 59°/156°	52°/ 30°/64°
Min. Illumination	Colour: 0.0003 Lux (F1.0, AGC ON)	Color:0.003 Lux (F1.6, AGC ON) 0Lux with IR	Color:0.0005 Lux (F1.2, AGC ON) 0Lux with IR	Color:0.003 Lux (F1.5, AGC ON) 0Lux with IR
Day/Night	-	ICR	ICR	ICR
WDR	130dB	120dB	120dB	120dB
Max IR/ Warm Light Dist.	98ft Smart IR	98ft	131ft, Warm light	328ft
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265,H.265, H.264, MJPEG	Ultra 265,H.265, H.264, MJPEG
Max. Resolution	4MP(2688×1520)	4MP(2688×1520)	4MP (2560 x 1440)	4MP(2688×1520)
Frame Rate	30fps@4MP	20/25fps@4MP	30fps@4MP	30fps@4MP
Multi-streaming	3 streams	2 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~75° Rotation: 0°~360°	Pan: 3°~360°; Tilt: 0°~68° Rotation: 3°~360°	Pan 0° to 345°	Pan 360° (endless) / Tilt -15° ~ 90° (auto reverse)
Intelligent Video	Cross line, Intrusion	Cross line, Intrusion	Cross line, Intrusion, Enter area, Leave area detection	Intelligent perimeter protection, Include cross line, Intrusion, Enter area, Leave area detection
Compatibility	ONVIF (Profile S, Profile G, Profile T, Profile M) API,SDK	ONVIF (Profile S, Profile G, Profile T), API	ONVIF (Profile S,Profile G,Profile T), API	ONVIF (Profile S, Profile G, Profile T), API, SDK
Audio In/Out	Built-in Mic	-	1/1	1/1
Memory Slot	Micro SD, Max. 512GB	Micro SD, Max. 256GB	Micro SD, Max. 512GB	Micro SD, Max. 256GB
Ingress Protection	IP67, IK10	IP67, IK10	IP66	IP67, IK10
Working Temperature	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)	-40°C~+70°C(-40°F~+158°F)
Power	DC 12V±25%, PoE (IEEE 802.3af) Max. 4.5W	DC 12V±25%, PoE (IEEE 802.3af) Max. 5.5W	DC12V PoE (IEEE 802.3at)	DC12V, PoE+ Max. 21W
Accessories	TR-JB03-H-IN, TR-JB07/WM03-F-IN, TR-WM03-B-IN TR-A01-IN, TR-UP06-IN, TR-UC08-C TR-SE24-IN, TR-SE24-A-IN, TR-CM24-IN	TR-JB03-G-IN, TR-JB07/WM03-G-IN, TR-UP06-IN		TR-JB12-IN, TR-WE45-IN, TR-UC08-B-IN



PTZ	
Model	TDPTZ4MP25IRLD-AI-M
	
Image Sensor	1/1.8" 4MP CMOS / 1/2.7" 4MP CMOS
Lens	4mm / 4.8 ~ 120mm, Motorized
H-V-D	94.9° / 55.46° ~ 3.09°
Min. Illumination	Color: 0.0005 Lux (F1.0, AGC ON) Color: 0.003 Lux (F1.5, AGC ON) 0 Lux with warm light and IR
Day/Night	IR-cut filter with auto switch (ICR)
WDR	120dB
Max IR/ Warm Light Dist.	328ft
Video Compression	Ultra 265,H.265, H.264, MJPEG
Max. Resolution	4MP(2688×1520)
Frame Rate	30fps@4MP
Multi-streaming	3 streams
Pan/Tilt/Rotation	Horizontal: 0°~360° Vertical: -15°~90° Rotation: 0°~360°
Intelligent Video	Cross Line, Intrusion, false alarm filtering, enter/leave area detection
Compatibility	ONVIF (Profile S, Profile G, Profile T), API, SDK
Audio In/Out	1/1
Memory Slot	Micro SD, Max. 256GB
Ingress Protection	IP66
Working Temperature	-40°C~-65°C(-40°F~-149°F)
Power	DC12V, PoE+ Max. 24W
Accessories	TR-JB12-IN, TR-WE45-IN, TR-UC08-B-IN

NETWORK VIDEO RECORDERS		
	TDNVR4P4K-M	TDNVR8P8K-M-AI
Model		
Cloud Ready	Yes	Yes
Video Compression	Ultra265/H.265	Ultra265/H.265/H.264
IP Video Inputs	4 channel	8 channel
Incoming/Outgoing Bandwidth	80MBPS / 64MBPS	320MBPS / 160MBPS
Max Decoding	4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 9 x 4MP@25, 10 x 3MP@30, 16 x 1080p@30	2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 960P@25
Display	HDMI, VGA	HDMI, VGA
Max HDD	1×8TB	2×10TB
RAID	-	-
eSATA/Mini SAS	-	-
Audio In/Out	1ch, RCA	1ch, RCA
Alarm In/Out	-	8/2
Ethernet	1 RJ45 10M/100M self-adaptive Ethernet Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
PoE	4 Ports (IEEE 802.3af/at) Max 50W total	8 Ports (IEEE802.3af/at) Max 130W total
USB	Rear panel: 1 x USB2.0,1 x USB3.0	Front panel: 1 x USB2.0,Rear panel: 1 x USB3.0
Power	48V DC/1.35A ≤ 10W (without HDD)	100~240V AC <20W (Without HDD)
Intelligent Video	Face Detection, Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, SMD	Tripwire, Intrusion, Abandoned/Missing, Scene Change, People Counting
Star Features	Plug & Play	Plug & Play



	NETWORK VIDEO RECORDERS		
	TDNVR16P16K-M-AI	TDNVR16P16K-Q-M	TDNVR32P16-M-Q
Model			
Cloud Ready	Yes	Yes	Yes
Video Compression	Ultra265/H.265/H.264	Ultra265/H.265/H.264	Ultra265/H.265/H.264
IP Video Inputs	16 channel	16 channel	32 channel
Incoming/Outgoing Bandwidth	320MBPS / 160MBPS	320MBPS / 160MBPS	320MBPS / 160MBPS
Max Decoding	2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 960P@25	2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 9 x 3MP@30, 9 x 1080P@30	2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30
Display	HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	2x10TB	2x16TB	4x16TB
RAID	-	1	1, 5
eSATA/Mini SAS	-	-	-
Audio In/Out	1ch, RCA	1ch, RCA	1ch, RCA
Alarm In/Out	8/2	8/2	16/4
Ethernet	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
PoE	16 Ports (IEEE802.3af/at) Max 240W total		16 Ports (IEEE802.3af/at) Max 150W total
USB	Front panel: 1 x USB2.0, Rear panel: 1 x USB3.0	Front panel: 1 x USB2.0; Rear panel: 1 x USB2.0, 1 x USB3.0	Front panel: 1 x USB2.0; Rear panel: 1 x USB3.0
Power	100~240V AC <20W (Without HDD)	DC 12V/3A <12W (Without HDD)	100~240V AC <12W (Without HDD)
Intelligent Video	Tripwire, Intrusion, Abandoned/Missing, Scene Change, People Counting	Face detection, Smart Intrusion Prevention (SIP), Ultra Motion Detection(UMD)	Face detection, Smart Intrusion Prevention (SIP), Ultra Motion Detection(UMD)
Star Features	Plug & Play	Plug & Play	Plug & Play

	NETWORK VIDEO RECORDERS		
	TDNVR32P16-M-AI	TDNVR64-8-M	TDNVR64-M
Model			
Cloud Ready	Yes	Yes	Yes
Video Compression	Ultra265/H.265/H.264	Ultra265/H.265/H.264	Ultra265/H.265/H.264
IP Video Inputs	32 channel	64 channel	64 channel
Incoming/Outgoing Bandwidth	320Mbps/160Mbps	384Mbps/384Mbps	384Mbps/384Mbps
Max Decoding	2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 960P@25		4 x 12MP@20, 4 x 4K@30, 16 x 1080p@30, 36 x 720p@30, 64 x D1
Display	VGA and HDMI independent output	2HDMI, 2VGA	2HDMI, 1VGA
Max HDD	4x16TB	8x16TB	16x10TB
RAID	1/5	0/1/5/6/10	0/1/5/6/10/50/60
eSATA/Mini SAS	-	1	1/2
Audio In/Out	1ch, RCA	1ch, RCA	1/1, 2-way
Alarm In/Out	16/4	16/10	24/8
Ethernet	2 RJ45 10M/100M/1000M	2 RJ-45 10M/100M/1000M adaptive Ethernet Interface	4 RJ-45 10M/100M/1000M adaptive Ethernet Interface 2 1000M SFP Ethernet Interface
PoE	16 Ports (IEEE802.3at/af) Max 240W	-	-
USB	Front: 1 x USB2.0; Rear panel: 1 x USB2.0, 1 x USB3.0	Front: 1 x USB2.0; Rear panel: 1 x USB2.0, 1 x USB3.0	4 USB3.0
Power	AC100V~240V <15W (Without HDD)	AC100V ~ 240V <20W(Without HDD)	AC100V ~ 240V <50W(Without HDD)
Intelligent Video	Tripwire, Intrusion, Abandoned/missing, Scene change, Face detection People counting	Perimeter protection, Face recognition, Image search, Tripwire, Intrusion, Scene Change, Abandoned/missing, People counting	Perimeter protection, Face recognition, Image search, Tripwire, Intrusion, Scene Change, Abandoned/missing, People counting
Star Features	Plug & Play	-	-



LICENSE PLATE RECOGNITION

	TDLPR250M-M	TDLPR450M-M
Model		
Max. Detection Speed	18.6 mph	49.7 mph
Illumination	Built-in integrated illumination module, including 4 IR LEDs, 50m illumination distance, automatic on/off control	Built-in integrated illumination module, including 4 white light LEDs, 50m illumination distance, automatic on/off control
Resolution	Main stream: 1080P (default), 720P, D1 Sub stream: 720P (default), D1, 2CIF, CIF Third stream: D1 (default), 2CIF, CIF	Main stream: 2688*1520, 1080P (default), 720P, D1 Sub stream: 720P (default), D1, 2CIF, CIF Third stream: D1 (default), 2CIF, CIF
Frame Rate	60, 50, 30, 25 (default), 22, 20, 18, 16, 15, 12.5, 10, 8, 6, 5, 4, 3, 2, 1	30 (default), 25, 22, 20, 18, 16, 15, 12.5, 10, 8, 6, 5, 4, 3, 2, 1
Focal Length	4.7 to 47mm, motorized zoom	8 to 32mm, motorized zoom
Video Compression	H.264 (default), H.265	H.264 (default), H.265
Intelligent Video	License plate detection & recognition. copnition. White liut & black list	License plate detection & recognition
List Configuration	Supports allowlist and blocklist configuration, each list allows 20,000 items Supports import, export, add, and delete operations	Supports allowlist and blocklist configuration, each list allows 20,000 items Supports import, export, add, and delete operations
Power Supply	DC12V + 25% - 10%, Max. 20W Supports PoE (802.3at, class 4)	DC12V + 25% - 10%, Max. 20W Supports PoE (802.3at, class 4)
Alarm In/Out	2 alarm inputs/1 relay output	2 alarm inputs/1 relay output
Ingress Protection	IP67, IK10	IP67, IK10
Working Temperature	-40°C to 60°C, ≤90% RH	-40°C to 60°C, ≤90% RH
Storage	1 × Micro SD card slot	1 × Micro SD card slot
Audio	1 × audio input, 1 × audio output	1 × audio input, 1 × audio output

LICENSE PLATE RECOGNITION



Safe

- White & blacklist management
- Blacklist alarm
- Only authorized vehicle can enter the parking lot



Quick response

- Fast recognition process and passage
- Open barrier via alarm I/O interface quickly after recognition



Low labor cost

- Recognition and opening barrier automatically
- No need a guard in site



Reliable

- Comprehensive record
- Make sure there's a track record after accident

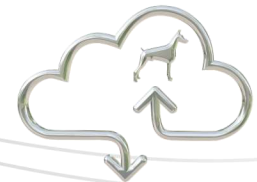




	DVRs		
	TDHDX4-M	TDHDX8-M	TDHDX16-M
Model	 	 	 
Cloud Ready	Yes	Yes	Yes
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264
IP Video Inputs	4 channel	8 channel	16 channel
Incoming/Outgoing Bandwidth	40MBPS / 48MBPS	40MBPS / 64MBPS	80MBPS / 160MBPS
Max Decoding	Analog: 4 x 4K@8, 4 x 3K@12, 4 x 5MP@12, 4 x 4MP@15, 4 x 1080P@15 IP: 1 x 4MP@30, 2 x 1080P@30	Analog: 8 x 4K@8, 8 x 3K@12, 8 x 5MP@12, 8 x 4MP@15, 8 x 1080P@15 IP: 1 x 8MP@30, 2 x 4MP@30, 4 x 1080P@30	Analog: 16 x 4K@8, 16 x 3K@12, 16 x 5MP@12, 16 x 4MP@15, 16 x 1080P@15, 16 x 720@30 IP: 2 x 8MP@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30, 24 x D1@30
Display	HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	1×16TB	1×16TB	2×16TB
eSATA/Mini SAS	-	-	-
Audio In/Out	1ch, RCA	1ch, RCA	1ch, RCA
Alarm In/Out	4/1	4/1	4/1
Ethernet	1 RJ45 10M/100M self-adaptive Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
Analog Video Input	4-ch, BNC	8-ch, BNC	16-ch, BNC
USB	Rear panel: 2 x USB2.0	Rear panel: 2 x USB2.0	Front panel: 1 x USB2.0, Rear panel: 1 x USB3.0
Power	12V DC/2A ≤ 10W (without HDD)	12V DC/2A ≤ 10W (without HDD)	12V DC/3A ≤ 12W (without HDD)
Intelligent Video	Face detection, Intrusion detection, Cross line detection, Enter area, Leave area, Defocus detection, Scene change detection, Object left behind, Object removed, Auto tracking, SMD	Face detection, Intrusion detection, Cross line detection, Enter area, Leave area, Defocus detection, Scene change detection, Object left behind, Object removed, Auto tracking, SMD	Face detection, Intrusion detection, Cross line detection, Enter area, Leave area, Defocus detection, Scene change detection, Object left behind, Object removed, Auto tracking, SMD
Star Features	Plug & Play	Plug & Play	Plug & Play



	TDHDX32-M	TDHDX4K-M	TDHDX8K-M
Model			
Cloud Ready	Yes	Yes	Yes
Video Compression	H.265/H.264	Ultra 265, H.265/H.264	Ultra 265, H.265/H.264
IP Video Inputs	32 channel	4 channel	8 channel
Incoming/Outgoing Bandwidth	80MBPS / 160MBPS	40MBPS / 64MBPS	80MBPS / 160MBPS
Max Decoding	Analog: 16 x 4K@8, 16 x 5MP@12, 16 x 4MP@15, 16 x 1080P@15, 16 x 720@30 IP: 2 x 8MP@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30	Analog: 4 x 4K@8, 4 x 5MP@12, 4 x 4MP@15, 4 x 1080P@25, 4 x 720@30 IP: 1 x 8MP@30, 2 x 4MP@30, 4 x 1080P@30, 8 x 720P@30	Analog: 8 x 4K@8, 8 x 5MP@12, 8 x 4MP@15, 8 x 1080P@25, 8 x 720@30 IP: 2 x 8MP@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30
Display	HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	2x16TB	1x16TB	1x16TB
eSATA/Mini SAS	-	-	-
Audio In/Out	1ch, RCA	1ch, RCA	1ch, RCA
Alarm In/Out	4/1	4/1	4/1
Ethernet	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces	1 RJ45 10M/100M self-adaptive Ethernet Interfaces	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
Analog Video Input	32-ch, BNC	4-ch, BNC	8-ch, BNC
USB	Front panel: 1 x USB2.0,Rear panel: 1 x USB3.0	Rear panel: 2 x USB2.0	Rear panel: 1 x USB2.0, 1 x USB3.0
Power	12V DC/5A ≤ 38W (without HDD)	12V DC/2A ≤ 10W (without HDD)	12V DC/2A ≤ 12W (without HDD)
Intelligent Video	Face detection, Intrusion detection, Cross line detection, Enter area, Leave area, Defocus detection, Scene change detection, Object left behind, Object removed, Auto tracking, SMD	Face detection, Intrusion detection, Cross line detection, Enter area, Leave area, Defocus detection, Scene change detection, Object left behind, Object removed, Auto tracking, SMD	Face detection, Intrusion detection, Cross line detection, Enter area, Leave area, Defocus detection, Scene change detection, Object left behind, Object removed, Auto tracking, SMD
Star Features	Plug & Play	Plug & Play	Plug & Play



	DVRs
	TDHDX16K-M
Model	 
Cloud Ready	Yes
Video Compression	H.265/H.264
IP Video Inputs	16 channel
Incoming/Outgoing Bandwidth	80MBPS / 160MBPS
Max Decoding	Analog: 8 x 4K@8, 8 x 5MP@12, 8 x 4MP@15, 8 x 1080P@25, 16 x 720@30 IP: 2 x 8MP@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30
Display	HDMI, VGA
Max HDD	2x16TB
eSATA/Mini SAS	-
Audio In/Out	1ch, RCA
Alarm In/Out	8/4
Ethernet	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
Analog Video Input	16-ch, BNC
USB	Front Panel: 1 x USB2.0 Rear panel: 1 x USB3.0
Power	12V DC/5A ≤ 38W (without HDD)
Intelligent Video	Face detection, Intrusion detection, Cross line detection, Enter area, Leave area, Defocus detection, Scene change detection, Object left behind, Object removed, Auto tracking, SMD
Star Features	Plug & Play



	TDOECM240LIR2AM	TDOECM540LIR2AM	TDOECM240LIR2A	TDOECM540LIR2A
Model	NEW 	NEW 	NEW 	NEW 
Image Sensor	1/3.0" 2MP CMOS	1/2.7" 5MP CMOS	1/3.0" 2MP CMOS	1/2.7" 5MP CMOS
Lens	2.8mm, Motorized	2.8mm, Motorized	2.8mm, Motorized	2.8mm, Motorized
H-V-D	109° / 56.5° / 121.8°	110° / 57° / 130°	109° / 56.5° / 121.8°	110° / 57° / 130°
Min. Illumination	Color:0.003Lux (F1.6, AGC ON) 0Lux (Illuminator ON) Two IR illuminators; Two white-light illuminators	Color:0.005Lux (F1.6, AGC ON) 0Lux (Illuminator ON) Two IR illuminators; Two white-light illuminators	Color:0.003Lux (F1.6, AGC ON) 0Lux (Illuminator ON) Two IR illuminators; Two white-light illuminators	Color:0.005Lux (F1.6, AGC ON) 0Lux (Illuminator ON) Two IR illuminators; Two white-light illuminators
Day/Night	Three modes: Auto (default), Day, Night	Three modes: Auto (default), Day, Night	Three modes: Auto (default), Day, Night	Three modes: Auto (default), Day, Night
WDR	DWDR	DWDR	DWDR	DWDR
Max IR/ Warm Light Dist.	131ft	131ft	131ft	131ft
Video Compression	-	-	-	-
Max. Resolution	1080P (1920×1080)	5MP (2880×1620)	1080P (1920×1080)	5MP (2880×1620)
Frame Rate	1080P@25fps	5MP@25fps	1080P@25fps	5MP@25fps
Material	Metal	Metal	Polycarbonate	Polycarbonate
Intelligent Video				
Audio In/Out	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic
Memory Slot				
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~-60°C(-22°F~+140°F)	-30°C~-60°C(-22°F~+140°F)	-30°C~-60°C(-22°F~+140°F)	-30°C~-60°C(-22°F~+140°F)
Power	DC 12V±25% Max. 3.6W	DC 12V±25% Max. 3.5W	DC 12V±25% Max. 3.6W	DC 12V±25% Max. 3.5W

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	INTERCOM SYSTEMS
Model	TDIPVDB2C
	
Resolution	3MP Main camera / 2MP Sub camera
FOV Main Camera	116° / 82.5° / 131°
FOV Sub Camera	96.8° / 52.6° / 109.9°
Operating Frequency Band	2.4 GHz and 5G Hz
Antenna Type	Built-in omnidirectional antenna
WLAN	802.11 b/g/n/ax
Bluetooth	Support, integrated in Wi-Fi chip
Built-in Mic	Support
Built-in Speaker	Support
Network Protocol	TCP/IP, IPv4, HTTP, RTP, RTSP, NTP
Illumination	IR: 5 meters White light: 2 meters / 0.02 lux
Dimensions	55.8 mm × 156.5 mm × 27.9 mm
Power	AC 12 V to 24 V 10W
Operating Temperature	-30°C to +60°C (-22°F to +140°F)
Ingress Protection	IP65
Video Compression	H.265, H.264

	INTERCOM SYSTEMS
Model	TDICH
	
Connection method	Sub-1 GHz
Speaker	Built-in speaker
Power source	As per definitions by different countries/regions
Installation method	Install the plug directly into the socket
Dimensions	53.6 mm × 85.6 mm × 39.8 mm
Weight	Net weight: 80g Gross weight: 125g
Power consumption	3W
Button	From left to right: volume adjustment, reset status, change ringtone
Operating temperature	-20 °C to 50 °C



TDIP4ML-4KIT

TDNVR4P4K-M-1T

Includes 1TB Surveillance HDD
Support 1ch HDMI, 1ch VGA
Ultra 265/H.265/H.264
Plug & Play with 4 independent
PoE network interfaces
Up to 8MP resolution recording
1 SATA HDD up to 8TB each
Support cloud upgrade
Face Detection / Intrusion Detection
Cross Line Detection

4MP IP NDAA COMPLIANT EYEBALL CAMERA (4 QTY.)

Ultra 265/H.265/H.264/MJPEG
BUILT-IN MIC
2.8MM FIXED LENS
IP67, 98 ft IR
Micro SD Card up to 256GB
120DB WDR, POE / 12VDC
Crossline, Intrusion



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TDSS GUARDIAN X App





TDIP4ML-6KIT

TDNVR8P8-M-2T

Includes 2TB Surveillance HDD
Support 1ch HDMI, 1ch VGA
Ultra 265/H.265/H.264
Plug & Play with 8 independent
PoE network interfaces
Up to 8MP resolution recording
2 SATA HDD up to 10TB each
Support cloud upgrade
Face Detection / Intrusion Detection
Cross Line Detection

4MP IP NDAA COMPLIANT EYEBALL CAMERA (4 QTY.)

Ultra 265/H.265/H.264/MJPEG
BUILT-IN MIC
2.8MM FIXED LENS
IP67, 98 ft IR
Micro SD Card up to 256GB
120DB WDR, POE / 12VDC
Crossline, Intrusion



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TDSS GUARDIAN X App



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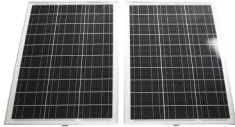
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TURNKEY SOLUTIONS FOR EVERY PROJECT!

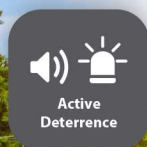
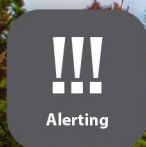


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	SOLAR		
	TDSB35	TDSB80	TDSB150
Model			
System Voltage	12VDC	12VDC	7.4V, 11.1V, 14.8V
Peak Power (Pmax)	60W	120W	200W
Solar Cell Type	Monocrystalline	Monocrystalline	Monocrystalline silicon
Solar Cell Quantity	36 (4*9)	36x2 (4*9)	72x2
Battery Storage	35 Ah	80 Ah	150Ah
Battery Total Power	420W	960W	1800W
Battery Construction	Phosphate lithium	Phosphate lithium	LiFePO4
DoD	80%	80%	80-90%
Short-circuit current	1.83 (A)	1.83 (A)×2	5.6 (A)
Glass	Aluminum alloy frame Strong impact resistance	Aluminum alloy frame Strong impact resistance	3.2mm ultra-white textured tempered glass
Frame	3.2mm (Ultra-white textured tempered glass)	3.2mm (Ultra-white textured tempered glass)	Aluminum alloy frame, strong impact resistance
Weight	10lbs	20lbs	120lb (system), 15lb (solar panel)
Charging Mode	PWM mode	PWM mode	PWM mode
System Current	3A	3A	3A
Protection	Automatic recovery after 5 minutes; ≥3 times rated current short circuit protection action	Automatic recovery after 5 minutes; ≥3 times rated current short circuit protection action	Automatic recovery after 5 minutes; ≥3 times rated current short circuit protection action
Dimension	L 26.5" x W 25.25" x H 14.5"	L 46.5" x W 28" x H 17"	L 52" 3/4 x W 35" 1/2 x H 17" 1/2
IP Grade	IP66	IP66	IP65 (panel), IP30 (controller)
Working Temperature	-30°C~+55°C	-30°C~+55°C	30°C to +55°C (-22°F to +131°F)

SELF-SUFFICIENT MOBILE SURVEILLANCE UNIT

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SELF SUFFICIENT MOBILE SURVEILLANCE UNIT	
	TDMTT
System	DC24V
Solar Panel	3x395W, Fixed Angle
Battery	6x150A Gel
Inverter	24V/120V
Input Socket	15A/120V
Battery Charger	16A
ATM Weight	2522lbs
Color	White
Mast 360 Degrees	Yes
Coil Cable	Yes
Wind Rating Speed	60 mph
Trailer Length	132.7"
Trailer Width	60.6"
Trailer Height	106.4"
Trailer Type	Single Axle
Tire and Rim Size	13"
Mast Raise/Extension	Manual
Mast Height	18ft
Wind Raiting Speed	60MPH
Stable Supports	5x Manual
Draw bars	Foldable
Lighting Package	US DOT-approved
Mud Guard	Special Design
Working Temperature	-35 - 60°C
Power management system	Supports remote battery monitoring





SELF SUFFICIENT MOBILE SURVEILLANCE UNIT	
	TDMTT-H
Tower Length	12.3ft
Tower Width	5.8ft
Tower Height	8.2ft
Tower Weight	2645.5lb
Mast Raise/Extension	Hydraulic
Safety	Auto Lock/Sensor/Safety Valve
Mast Height	19.7ft
Mast 360 Degrees	Yes
Coil Cable	Yes
Wind Rating Speed	60 mph
Trailer Type	Single Axle
Tire and Rim Size	15"
Stabalizer Supports	4xManual
Drawbar	A Frame
Tow Hitch	2" hitch Ball/2.75" Ring
Mud Guard/Wheel Chock	Special Design
Backup Generato	No
Working Temp. (°F)	-31~140
Waterproof	IP65
Forklift Pocket	Included
Wheel Chocks	Included
Paint	Powder coat to prevent corrosion
Lighting Package	US DOT-approved
Power management system	Supports remote battery monitoring



SELF SUFFICIENT MOBILE SURVEILLANCE UNIT

	TDMTT-G
Tower Length	12.3ft
Tower Width	5.8ft
Tower Height	8.2ft
Tower Weight	2645.5lb
Mast Raise/Extension	Hydraulic
Safety	Auto Lock/Sensor/Safety Valve
Mast Height	19.7ft
Mast 360 Degrees	Yes
Coil Cable	Yes
Wind Rating Speed	60 mph
Trailer Type	Single Axle
Tire and Rim Size	All Terrain Tires / 16" rims
Stabalizer Supports	4xManual
Drawbar	A Frame
Tow Hitch	2" hitch Ball/2.75" Ring
Mud Guard/Wheel Chock	Special Design
Backup Generato	Yes
Working Temp. (°F)	-31~140
Waterproof	IP65
Forklift Pocket	Included
Wheel Chocks	Included
Paint	Powder coat to prevent corrosion
Lighting Package	US DOT-approved
Power management system	Supports remote battery monitoring



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Model	TDP2PX-150	TDP2PX-300	TDP2PX-900
			
Chipset	Atheros AR9344 600MHz	Atheros AR9344 600MHz	QCA9563+ QCA9882
Memory	DDR2 64MB	DDR2 64MByte	DDR2 128MB
Storage	8MB Flash	8MB Flash	16MB Flash
IC	SiGe5012B		SKY85728*2
Port	10/100Mbps LAN*2	5 ports 10/100Mbps	10/100/1000Mbps LAN*2
Speed	150Mbps	300Mbps	867Mbps
Transmission	DSSS	DSSS	DSSS
Standard	IEEE802.11a/n ,IEEE802.3u	IEEE802.11a/n ,IEEE802.3u,	IEEE802.11a/n/ac,IEEE802.3u
Protocol	CSMA/CA,TCP/IP,IPX/SPX,NetBEUI DHCP,NDIS3,NDIS4,NDIS5	CSMA/CA,TCP/IP,IPX/SPX,NetBEUI, DHCP,NDIS3,NDIS4,NDIS5	CSMA/CA,TCP/IP,IPX/SPX,NetBEUI DHCP,NDIS3,NDIS4,NDIS5
Channel	5160Mhz~5825Mhz	4900 ~ 6100MHz	5180Mhz~5845Mhz
Power Dissipation	≤3W	≤6W	≤7W
Power	POE 48V 0.5A	DC 12-52V / POE 48-56V (PoE 25w per mouth with 60W power)	POE 48V 0.5A
Transmitting Power	23dBm	23dBm	26dBm
Antenna	Vertical Direction	Vertical Direction	Horizontal/Vertical Direction
Antenna Frequency	4900~6100MHz	4900 ~ 6100MHz	4900~6100MHz
Antenna Gain	12DBi	16DBi	16DBi
Encryption	WEP 64/128bits,WPA,WPA2,802.1x	WEP 64/128bits,WPA,WPA2, 802.1x	WEP 64/128bits,WPA,WPA2,802.1x
Working Temperature	-30~65°C	-30~65°C	-30~65°C
Storage Temperature	-50~80°C	-50~80°C	-50~80°C
Humidity	≤95%(non-condensed)	≤95%(non-condensed)	≤95%(non-condensed)

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NETWORK SWITCH

TOUGHDOG SECURITY

	POEP4-M	POEP8-M
Model		
Ports Type	6×100Mbps network ports (RJ45), including 4 PoE ports	8 x 10/100Mbps POE port (RJ45), 2 x Gigabit port (RJ45)
Switching capacity	1.2 Gbps	5.6 Gbps
Packet Buffer	448K bit	2 M bit
MAC	1K	4K
Forwarding performance	0.90Mpps	4.17Mpps
Prior Ports	1 to 2	1 to 2
Cooling Fans	0	0
Dimensions (W×D×H)	107*101*25mm	169mm*132mm*40mm
Standards	IEEE802.3, IEEE802.3u, IEEE802.3az, IEEE802.3x, IEEE802.3af, IEEE802.3at	IEEE802.3, IEEE802.3u, IEEE802.3az, IEEE802.3x, IEEE802.3af, IEEE802.3at
Max. Power	65W	130W
Weight	0.19KG	0.67KG
Operating humidity	10%~90% (non-condensing)	10%~90% (non-condensing)
PoE Mode	802.3at/af , ModeB :(4/5+, 7/8-)	120W total, 30W per port
Working Mode	Transmission distance up to 250 meters	Transmission distance up to 250 meters
Remote management	-	Yes

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WIFI CONFIGURATION BOX

Model	TDCB-W
	
Network	4 x RJ45 10M/100M Base-TX Ethernet Network Port 1 Support POE (IEEE802.3af) Output Network Port 4 Support PSE Voltage Test
Voltage Test	1 x PSE Voltage Test (PSE voltage detection Range: 1V~56V; IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt) 1 x DC voltage Test (DC voltage detection Range: 1V~56V)
Wi-Fi	2.4G Wi-Fi (IEEE802.11b/g/n)
Battery Capacity	18650 lithium battery, 7500mAh
Power Input	1 x DC 5V/2A max, type-c
Power Output	1 x DC 12 V/1 A output; 1 x DC 5 V/1 A output, type-A
LED Indicator	System indicator, WiFi indicator, Battery indicator
Dimensions	130 × 85 × 33mm (5.1" × 3.3" × 1.3") (L x W x H)
Working Environment	-20 °C ~ 60 °C (-4 °F ~ 140 °F), Humidity: ≤95% RH (non-condensing)
Reset Button	Support

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ACCESSORIES



Model	RJ45SPCO
	
Input	100-240V AC 50/60Hz 0.6A
Output	DC12V2A
Safety Standard	UL cUL CE
Case Type	PVC
Color Type	Black

Model	PS12VDC5A
	
Input	100-240V AC 50/60Hz 0.6A
Output	DC12V3A
Safety Standard	UL cUL CE
Case Type	PVC
Color Type	Black

Model	PS12VDC2A
	
Input	100-240V AC 50/60Hz 0.6A
Output	DC12V2A
Safety Standard	UL cUL CE
Case Type	PVC
Color Type	Black

Model	PS12VDC3A
	
Input	100-240V AC 50/60Hz 0.6A
Output	DC12V3A
Safety Standard	UL cUL CE
Case Type	PVC
Color Type	Black

Model	PS12VDC4P5A
	
Output Effective Power	60W
Input Voltage	AC100V-240V
Output	12V5A/13.8V4.34A
Output Adjustable Voltage	DC 12V-13.8V
Output Channel	4 Channels
Over Current Protection	6Amp
Work Temperature	-
Work Environment	20%-90%RH
	Adjustable Output Voltage For Long Distance Transition, World Wide Voltage Input, LED Indicator



	PS12VDC9P10A	PS12VDC18P10A	PS12VDC18P20A
Model			
Input	100-240V AC 50/60Hz	100-240V AC 50/60Hz	100-240V AC 50/60Hz
Output	DC12V10A	DC12V10A	DC12V20A
Current per(Channel)	9*1.11A	18*0.55A	18*1.25A
Protect Type	PTC	PTC	PTC
Safety standard	UL cUL CE	UL cUL CE	UL cUL CE
Case Type	Metal	Metal	Metal
Color Type	White	White	White
Accessory	AC Cable	AC Cable	AC Cable
Warranty	1 year	1 year	1 year

ACCESSORIES



TDODIM510F	
	
Model	TR-JB03-H-IN
Mount	Junction box

TDODIM540M-AI			
			
Model	TR-JB04-C-IN	TR-JB07-B-IN	TR-UP06-IN
Mount	Junction box	Wall mount	Pole mount

TDOEIM4302SA, TDOEIM430L2A-AI, TDOEIM430L2A-AI-B		
		
Model	TR-JB03-I-IN	TR-JB07-G-IN
Mount	Junction box	Wall mount

TDOEIM530L2A, TDODIM4302S, TDOEIM520P			
			
Model	TR-JB03-G-IN	TR-JB07-G-IN	TR-UP06-IN
Mount	Junction box	Wall mount	Pole mount

TDOEIM540MA-AI, TDODIM440MA, TDOEIM430L2A-AI+		
		
Model	TR-JB03-H-IN	TR-JB07-F-IN
Mount	Junction box	Wall mount

TDOBIM550M-AI			
			
Model	TR-JB07-D-IN	TR-UP06-B-IN	TR-UP06-C-IN
Mount	Junction box	Pole mount	Pole mount

TDOBIM5402A-AI		
		
Model	TRJB05-A-IN	TR-UP06-B-IN
Mount	Junction box	Pole mount

TDOBIM450MA, TDOBIM4502SA-AI, TDOBIM430L2A-AI		
		
Model	TR-JB05-B-IN	TR-UP06-B-IN
Mount	Junction box	Pole mount

TDPTZ5MP4IRS-D-M				
				
Model	TR-JB07-D-IN	TR-UP06-B-IN	TR-UP06-C-IN	TR-A01-IN
Mount	Junction box	Pole mount	Pole mount	Plastic Waterproof Joint

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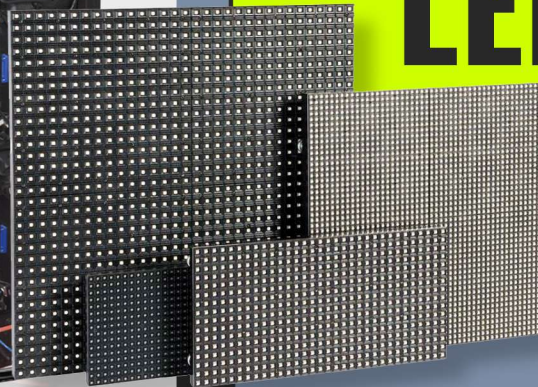
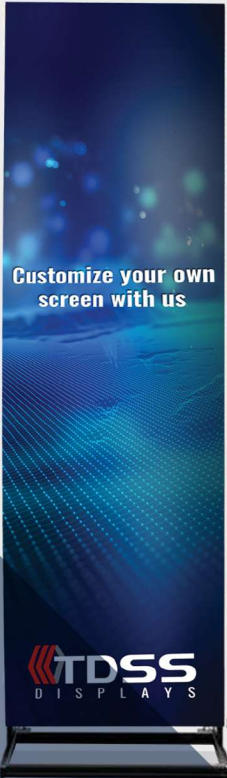
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