

Houayhong Village, Chanthabouli District, Vientiane Capital.

CIT0032



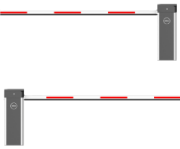

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17/03/2021










Web: www.citgroup.la or www.citsole.comEmail: citgrouplao@gmail.com or dahualaos@gmail.comTo: **Sokxay GROUP**







Tel:




Address:

Currency:					USD		
No	Name/Images	Specification	Wty	Qty	Price	Amount	Remark
		Entrance - Exit		157			
1	DHI-ITC215-PW4I-IRLZF27135 	> 1/2.8 inch 2Megapixel Progressive scan CMOS > WDR, Day/Night(ICR), 3DNR,BLC, HLC > H.265& H.264 dual-stream encoding > Micro SD memory > Powerful 2.7-13.5mm motorized lens and IR light, ideal for monitor ANPR distance 3-8m > IP67, and superior performance for outdoor applications > Embedded with LPR algorithm inside the camera > Vehicle data structuring: license plate recognition, vehicle size, vehicle color detection and etc.	2Y	2			ຖ່າຍບ້າຍລົດ ANPR Cameras
2	IPMAE9-0100A 	> Color : White > Working Temperature -30 °C to +65 °C (-22 °F to 149 °F) > Working Humidity : 10%–90% (no condensation) > Material of Housing : Aluminum > Dimensions : Φ60.0 × 1278.3 mm (Φ23.6 × 503.3 inch) (OD × H) > Net Weight : 4.7 kg (10.4 lb) > Gross Weight : 6.7 kg (14.8 lb) > Mounting : Vertical mount > 1200mm pole	2Y	2			
3	IPMECD-2032 Entrance - Exit 	Variable Frequency Straight Arm Boom Barrier > Automatic opening in case of power failure, suitable for unattended parking scenarios. > Servo motor; adjustable and fast barrier arm lifting speed (as fast as 1 s). > Motor enjoys lifespan of more than 5 million times, suitable for scenes with large traffic volume such as shopping malls and hospitals. > Anti-smashing function realized by connected radar, coil, or IR sensor. > Supports remote control, with maximum distance of 50 m (164.04 ft) in open and interference-free environments. > Automatic lifting when the barrier mar meets obstacle. > Barrier with 1.5 m (4.92 ft), 3 m (9.84 ft), 3.5 m (11.48 ft) or 4 m (13.12 ft) arm supports anti-impact: A turning device is designed between the barrier arm and the main shaft of barrier. The device helps turn the barrier arm away before the arm is impacted. > Operating temperature: -40°C to +70°C (-40°F to +158°F). > Operating voltage: 186V–264V AC.	1Y	2			
4	DH-IPC-HFW5442EP-ZE 	> 1/1.8" 4Megapixel progressive scan CMOS > H.265&H.264 triple-stream encoding > 25/30fps@2688x1520 > WDR(120dB), Day/Night(ICR), 3D DNR, AWB, AGC, BLC > Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS > 2.7mm ~12mm motorized lens > 2/1 Alarm in/out, 1/1 audio in/out > Max. IR LEDs Length 50m > Micro SD memory, IP67, IK10	2Y	2			ຖ່າຍພາບລົດ Vehicle Capture

No	Name/Images	Specification	Wty	Qty	Price	Amount	Remark
5	SD49225T-HN 	2MP 25x Starlight IR PTZ Network Camera > 1/2.8" 2Megapixel STARVIS™ CMOS > Powerful 25x optical zoom > Starlight technology > 1080P/720P/D1(1 ~ 25/30fps) > IVS, Support PoE+, IR distance up to 100m, IP66	2Y	2			Full HD Starlighth
6	DH-SD6C3220-HN-UE 	Powerful 20x/30x optical zoom Starlight Technology • H.264 & MJPEG dual-stream encoding • Max. 15fps@3Mp, 25/30fps@1080p resolution(320) • Max 25/30fps@1080p, 50/60fps@720P(220/230) • Defog(220/230), EIS(220/230), WDR, Day/Night(ICR), DNR(2D&3D), Auto iris, Auto focus, AWB, AGC,BLC • Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS • Max 240°/s pan speed, 360° endless pan rotation • Up to 255 presets, 5 auto scan, 8 tour, 5 pattern • Built-in 7/2 alarm in/out • Support intelligent 3D positioning with DH-SD protocol • Micro SD memory, IP66 • IR Distance up to 150m	2Y	4			Full HD Starlighth
Thermal Fire Detection, Perimeter Protection and Office							
1	TPC-BF1241 	AI WizSense Thermal Network Bullet Camera > Uncooled VOx thermal sensor technology > Athermalized lens (thermal camera), focus-free > 1/2.7" 4Megapixel progressive scan CMOS > Wi-Fi Optional > Support ROI, motion detection, color palettes > Smoking and call behaviour detection > Support fire detection & alarm > Built-in 1/1 alarm in/out > Micro SD memory, IP67, PoE > Smart linkage with strobe light & audio > Dual image fusion (visible and thermal images) > General Intelligence: Tripwire, Intrusion, Fire Detection & Alarm, Cold & Hot Spot Trace. > Advanced Intelligence: Human & Vehicle Classification, Smoking Detection, Call Detection	2 Y	12			ກ້ອງ AI ຈັບຄວາມຮ້ອນ, ຈັບອຸນຫະພູມ, ຈັບແປວໄຟ, ຈັບຄົນ ແລະ ຈັບລົດ
2	TPC-DF1241 	AI WizSense Thermal Network Bullet Camera > Uncooled VOx thermal sensor technology > Athermalized lens (thermal camera), focus-free > 1/2.7" 4Megapixel progressive scan CMOS > Wi-Fi Optional > Support ROI, motion detection, color palettes > Smoking and call behaviour detection > Support fire detection & alarm > Built-in 1/1 alarm in/out > Micro SD memory, IP67, PoE > Smart linkage with strobe light & audio > Dual image fusion (visible and thermal images) > General Intelligence: Tripwire, Intrusion, Fire Detection & Alarm, Cold & Hot Spot Trace. > Advanced Intelligence: Human & Vehicle Classification, Smoking Detection, Call Detection	2 Y	12			ກ້ອງ AI ຈັບຄວາມຮ້ອນ, ຈັບອຸນຫະພູມ, ຈັບແປວໄຟ, ຈັບຄົນ ແລະ ຈັບລົດ
3	IPC-HFW3441T-ZS  	4MP IR Vari-focal Bullet WizSense Network Camera > 4MP, 1/3" CMOS image sensor, low illuminance, high image definition > Outputs max. 4MP (2688 × 1520)@30 fps > H.265 codec, high compression rate, low bit rate > Built-in IR LED, max. IR distance: 60 m > ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments > Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes > Intelligent detection: Intrusion, tripwire (support the classification and accurate detection of vehicle and human) > Abnormality detection: Motion detection, video tampering, scene changing, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, voltage detection > Supports max. 256 G Micro SD card > 12V DC/POE power supply > IP67, IK10(optional) protection > SMD Plus	2 Y	20			ກ້ອງ AI ສຳລັບຈັບການບຸກລຸກຜ່ານກຳແພງ

No	Name/Images	Specification	Wty	Qty	Price	Amount	Remark
4	DH-IPC-HDW2439T-AS-LED-S2 	4MP Lite Full-color Fixed-focal Eyeball Network Camera > 4MP, 1/3" CMOS image sensor, low illuminance, high image definition > Outputs 4MP (2560 × 1440) @ 25/30 fps, Max. supports 4MP > H.265 codec, high compression rate, ultra-low bit rate > Built-in warm lights, max. illumination distance: 30 m > ROI, SMART H.264+/H.265+, flexible coding, applicable to various > Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, > Intelligent detection: Intrusion, tripwire > Abnormality detection: Motion detection, video tampering, scene > Supports max. 256 GB Micro SD card and built-in Mic > 12V DC/PoE power supply > IP67 protection	2 Y	43	165.000	165.000	ບັນທຶກສຽງ ກາງຄືນເປັນ ພາບສີ
5	IPC-HFW2439S-SA-LED-S2 	4MP Lite Full-color Fixed-focal Bullet Network Camera > 4MP, 1/3" CMOS image sensor, low illuminance, high image definition > Outputs 4MP (2560 × 1440) @ 25/30 fps, Max. supports 4MP > H.265 codec, high compression rate, ultra-low bit rate > Built-in warm lights, max. illumination distance: 30 m > ROI, SMART H.264+/H.265+, flexible coding, applicable to various > Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, > Intelligent detection: Intrusion, tripwire > Abnormality detection: Motion detection, video tampering, scene > Supports max. 256 GB Micro SD card and built-in Mic > 12V DC/PoE power supply > IP67 protection	2 Y	60			ບັນທຶກສຽງ ກາງຄືນເປັນ ພາບສີ
Access Control							
1	DHI-ASI8214Y-V3 	> Aluminium alloy housing with wire-drawing treatment; IP55; applicable to outdoor and indoor environment > 10.1 inch LCD touch screen; resolution 1280×800 > With 2 MP wide-angle dual lens, white fill light, IR light, and WDR > Support face, card, password, and fingerprint unlock; unlock by period > User data can be stored at the access controller; can hold 100, 000 face images and work without network > Face-camera distance: 0.3m-2.0m > Face verification accuracy ≥99.5%; face comparison	1Y	3			
2	DHI-ASM202 	> USB Communication; > Working Temperature: 0°C~55°C; > Connect to PC and collect fingerprint template to platform; > Optical sensor;	1Y	3			
3	DHI-ASM100 	> USB Communication; > Working Temperature: -30°C~60°C; > Connect to PC read card No. to platform;	1Y	3			
4	IC-S50 	> Mifare card, 13.56MHz; > 8K bit EEPROM memory; > 86*54*1mm;	1Y	100			
5	DHI-ASF280A 	> Power on-NC; > Single Door; > Relay Input&output; > Anti-pull 280kg; > Working Temperature: -30°C~60°C; > DC12V/24V; > 250*47*26mm;	1Y	3			
6	ASF900 	> ABS plastic; > 86*86*25mm; > -30°C~60°C;	1Y	3			
Server							
1	DSS Pro 	DHI-DSSPro-Base-License	1 Y	1			DSS Software Manage ໂປຼແກຼມ ຈັດການ
2		DHI-DSSPro-Video-License	1 Y	93			
3		DHI-DSSPro-ANPR-License	N Y	2			
4		DHI-DSSPro-Access Control-License	N Y	3			
5		Dell Server R240 & Win10 IoT Ent	1 Y	1			

No	Name/Images	Specification	Wty	Qty	Price	Amount	Remark
6	EVS7148S 	> 64-bit High-performance multi-core processor > Max 512-ch IP camera inputs > Max 1024 Mbps incoming/recording/forwarding bandwidth > 48 HDDs, SAS/SATA, Hot-Swap > Supports RAID 0/1/5/6/10/50/60, JBOD, Hot spare > Supports video stream/ Picture direct storage mode and IPSAN storage mode > Supports N+M cluster > Supports Automatic Network Replenishment (ANR) > SAS cascade for expanded storage space > Modular and drawer-like design > 1+1 redundant 80PLUS platinum power supply > BBU battery (Optional) for abnormal power failure	1 Y	1			> 90 days
7	ST8000NM0055	8TB/7200RPM/256M/ SATA 6Gb/s	1 Y	45			
8	ARA16 	Outdoor Siren	1 Y	25			
		Transmission					
1	PFS3005-4P-58 	4-Port PoE Switch (Unmanaged) > Two-layer PoE Ethernet switch > MAC auto study and aging, MAC address list capacity is 1K > Conform IEEE802.3, IEEE802.3u and IEEE802.3X standards > Default Mode: The device works as a general switch and all ports support 10/100Mbps auto-negotiation. > Extend Mode: VLAN isolation is enabled. Ports 1-4 will be isolated respectively (10Mbps auto-negotiation), but they can communicate with the Uplink port. Besides, the transmission distance of power and network data is up to 250m.	1 Y	12			
2	PFS3010-8ET-96 	8-Port PoE Switch (Unmanaged) > Layer two commercial switch > Supports PoE power management > Supports wall-mount installation > Supports anti-theft lock hole > MAC auto learning and aging, MAC address capacity is 16K > Supports IEEE802.3, IEEE802.3u and IEEE802.3X standards > RJ45 port supports 10/100 Mbps self-adaptation > Supports 250 meters long distance PoE transmission > Conforms to IEEE802.3af and IEEE802.3at power supply standard. Port 1 supports Hi-PoE 60W power supply	1 Y	8			
3	PFS4218-16ET-190 	16-Port PoE Switch > Layer 2 management PoE switch > PoE budget: 190W > Support PoE, PoE+, Hi-PoE > 'Orange port' support Hi-PoE, can be used with the PoE extender (PFT1300) > 250 meters long distance PoE transmission > PoE management, PoE Setting/Event Statistics/Green PoE > Search and upgrade via ConfigTool > Support Web management > High lightning protection design > Non-blocking video transmission	1 Y	8			
4	PFS5428-24GT 	L2+ Managed Switch > Hardened L2+ managed aggregation Switch > 24GE+4 x GE/10GE SFP+ > Switching Capacity: 128Gbps > High lightning protection: Common/Differential mode 4KV/2KV > Wide working temperature: -20~55°C > SFP+ fiber uplink > Fanless thermal design > Rack mounting	1 Y	1			Aggregation Switch
		Cable - Accessories - Installations					

No	Name/Images	Specification	Wty	Qty	Price	Amount	Remark
1	DH-PFM920I-6UN-C 	UTP CAT6 Cable > 305 m (1000 ft)/carton UTP CAT6, power over Ethernet, compatible with one cable > High-purity oxygen-free copper conductor material > Customized PVC outer sheath; CE CPR Eca flame retardant class certified > 10-year warranty	1 Y	40			
2	ຕູ້ແລັກກັນຝົນ		1 Y	6			
3	PFC200D-18U6D 	19" 18U Rack Cabinet > Aesthetic design > Standard 19" rack > Support wall mount and plane mount > The four sides (around) of the cabinet are openable, convenient for construction installation and feature maintenance > Cable entry on the top cover and bottom panel	1 Y	2			
4	LM28-F400 	Dahu Monitor 28" UHD Monitor	1 Y	2			
5	ທ່ອງ + ຄໍ້າ		1 Y	3.000			
6	ສາຍໄຟ		1 Y	800			
7	Other Accessories	Fiber Optic, Media, Module, Power Cable, Power Plug	1 Y	157			
8	Installations	Config, installations and training	1 Y	157			
Total:				4.640	165.000\$	165.000\$	-
VAT:				10%		16.500\$	
Grand Total:						181.500\$	

This bill of quantity is not a contract or a bill. It is our best guess at the total price for the service and goods described above and can use <= 30 days.



Director

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Mr Chanthavilay BOUNTHALA