



إحالة مبدئية
عطاء (2017/209) شراء وتوريد أنظمة مراقبة ونظام حريق لصالح وزارة المالية والتخطيط

عطاء	عطاء/ استدراج
2017/209	الرقم
الأقل تكلفة والمستجيب جوهريا للشروط	مبرر الاحالة

البند المحالة على شركة BCI					
\$ الإجمالي	\$ سعر الوحدة	Qty	description	Item	
58934	373	158	Indoor Camera	1	
16296	776	21	Outdoor Camera	2	
68724	3818	18	Wall Screens	3	
41095	41095	1	Wall Switcher	4	
109127	109127	1	Video management system	5	
4251	4251	1	IP KVM Switch	6	
23186	11593	2	Recording server	7	
25636	25636	1	Storage	8	
4478	4478	1	Management Server	9	
30771	3419	9	Workstation Desktop	10	

محمد ربيع
رئيس لجنة العطاءات المركزية

تعرض نتيجة الاحالة لمدة 7 ايام اعتباراً
من 2017.11.28 الى 2017.12.05

صفحة 1 من 3

احمد الاحمد
إبراهيم شهاب
عبد الرؤوف عساف
عضو
عضو
شائر عودة
نسخة الموقع الالكتروني
2017/11/28



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عطاء (2017/209) شراء وتوريد أنظمة مراقبة ونظام حريق لصالح وزارة المالية والتخطيط

1092	1092	1		PC Playpack	11
528	132	4		Screens	12
37100	742	50		12 port switch	13
4950	990	5		24 port switch	14
8692	4346	2		32 Port switch	15
13998	6999	2		32 SFP Prot	16
3402	1701	2		48 port switch	17
1860	93	20		10G SFP+ 10GBASE-SR Multimode fiber transceiver (up to 300 meter on OM3 cable)	18
15990	123	130		1G SFP RJ-45 Copper transceiver	19
780	39	20		1G SFP 1000BASE-SX Multimode fiber transceiver	20
9396	9396	1		Firewall	21
4300	1075	4		Branch Firewall	22
9293	9293	1		20 KVA UPS	23
5104	5104	1		FM 200 System	24
71050	71050	1		Cabinet	25
59657	59657	1		Three years After sale support	26

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تعرض نتيجة الاحالة لمدة 7 ايام اعتباراً
من 28.11.2017 الى 05.12.2017

صفحة 2 من 3

عضو عطاء

احمد الاحمد إبراهيم شهاب عبد الرؤوف عساف

ثامر عودة

نسخة الموقع الالكتروني

28/11/2017



إحالة ميدنية
عطاء (2017/209) شراء وتوريد أنظمة مراقبة ونظام حريق لصالح وزارة المالية والتخطيط

11190	373	30	Indoor Camera	27
52768	776	68	Outdoor Camera	28
1344	672	2	Panoramic camera	29
12408	3102	4	PTZ Camera	30
584	584	1	Joystick	31
2040	340	6	1 KVA online UPS	32
4950	990	5	Switch 24 Port	33
6628	3314	2	16 Port switch	34
35960	35960	1	Installation	35
757562	اجمالي الإحالة على شركة BCI بالدولار شامل ضريبة القيمة المضافة			

المواصفات الفنية مرفقة في ملحق الاحالة

محمد ربيع
رئيس لجنة العطاءات المركزية

تعرض نتيجة الاحالة لمدة 7 ايام اعتباراً
من 28-11-2017 الى 06-12-2017

صفحة 3 من 3

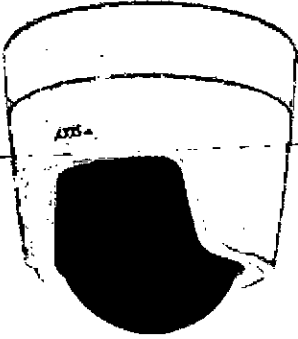
تأثير جودة
احمد الأحمد
إبراهيم شهاب
عبد الرؤوف عساف
عضو
عضو
نسخة الموقع الإلكتروني
2017/11/28



التاريخ :

الرقم:

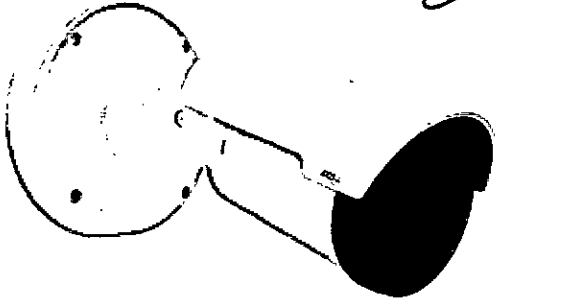
ملحق المواصفات الفنية للوزار المحالة على شركة BCI.

Item	Item Description	QTY.
1.	<p>(Indoor Camera mini dome Camera)</p> <p>AXIS M3105-LVE</p>  <ul style="list-style-type: none">• HDTV 1080p resolution at 30 fps• Day/night,• compact mini dome in a vandal-resistant,• Outdoor-ready, flat-faced design.• Built-in IR illumination• WDR – Forensic Capture.• Fixed lens. Multiple, individually configurable H.264 and Motion JPEG streams• Image sensor : 1/2.8" progressive scan RGB CMOS• Lens M12 mount, Fixed iris, Fixed focus 2.8 mm, F2.0 Horizontal field of view: 115° Vertical field of view: 64°• Day and night Automatically removable infrared-cut filter• Minimum illumination :<ul style="list-style-type: none">○ Color: 0.2 lux at 50 IRE, F2.0○ B/W: 0.04 lux at 50 IRE, F2.0○ 0 lux with IR illumination on• Shutter time 1/66500 s to 2 s• Camera angle adjustment<ul style="list-style-type: none">○ Pan: ±180°○ Tilt: 0° to 60° (0° = lens directed at a right angle to camera base)○ Rotation: ±95° Can be directed in any direction and see the wall/ceiling• Zipstream technology for reduced bandwidth and storage needs.• Memory card slot for optional local video storage.• Video motion detection and active tampering alarm.• Video compression H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG• Resolution 1920x1080 to 176x120• Frame rate Up to 25/30 fps with power line frequency 50/60 Hz• Video streaming: Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth Zipstream technology in H.264 VBR/MBR H.26• Approvals : EMC EN 55022 Class B, EN 55024, IEC 62471, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN32 Class B, KN35 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-78, IEC	158



التاريخ :

الرقم:

	<p>60068-2-14, IEC 60068-2-6, IEC 60068-2-27, IEC/EN 62262 IK08, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC 60721-3-4 Class 4M3 Safety IEC/EN/UL 60950-22</p> <ul style="list-style-type: none"> • Casing : IP66-, NEMA 250 Type 4X, and IK08-rated, ASA polymer casing Encapsulated electronics, Captive screws (Torx 10) Color: White NCS S 1002-B For repainting instructions and impact on warranty, • Sustainability : PVC free • Memory 512 MB RAM, 256 MB Flash • Power: Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 Typical: 4.2 W, Max.: 6.2 W • Connectors : RJ45 10BASE-T/100BASE-TX PoE • IR illumination: Power-efficient, long-life 850 nm IR LED. Range of reach up to 15 m (50 ft) depending on scene • Storage:-Support for microSD/microSDHC /microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS • Operating conditions: -30°C to 50°C (-22 °F to 122 °F) Humidity 10-100% RH (condensing) • Security : Password protection, IP address filtering, HTTPSa encryption, IEEE 802.1Xa network access control, Digest authentication, User access log, Centralized Certificate Management • Supported protocols : IPv4/v6, HTTP, HTTPSa , SSL/TLSa , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP <p>Warranty 3-years</p>	
2.	<p>(Outdoor Camera) Axis P1435-LF</p>  <ul style="list-style-type: none"> • > Slim, bullet camera • > Built-in IR LEDs with Optimized IR • > Two lens alternatives • > HDTV 1080p at up to 50/60 fps • > Zipstream • Compact and outdoor-ready HDTV camera for day and night surveillance, • IP66-rated, varifocal 3-10.5 mm • P-iris lens. Remote 3.5 x optical zoom and focus. • Automatic IR cut filter. • Multiple, individually configurable H.264 and Motion JPEG streams; max HDTV 1080p /2MP resolution at 50/60 fps. • Video motion detection, • active tampering alarm, • corridor format, • Lightfinder, • Zipstream technology 	21



التاريخ :

الرقم :

- WDR – Forensic Capture.
- Image sensor Progressive scan CMOS 1/2.8"
- Lens 3–10.5 mm, F1.4: Horizontal field of view: 95°–35° Vertical field of view: 51°–20° 10–22 mm, F1.85: Horizontal field of view: 34.5°–18° Vertical field of view: 20°–11° Varifocal, Autofocus, Remote focus and zoom, P-Iris control, IR corrected
- Day and night Automatically removable infrared-cut filter
- **Minimum illumination :**
 - 3–10.5 mm, at 50 IRE F1.4
 - Color: 0.12 lux at 30 fps
 - Color: 0.24 lux at 60 fps
 - B/W: 0.01 lux at 30 fps
 - B/W: 0.02 lux at 60 fps 10–22 mm, at 50 IRE F1.85
 - Color: 0.16 lux at 30 fps
 - Color: 0.32 lux at 60 fps
 - B/W: 0.02 lux at 30 fps
 - B/W: 0.03 lux at 60 fps
 - 0 lux with IR illumination on
- I/O ports, microSD/SDHC memory card slot for edge storage.
- Optimized IR, a power-efficient LED technology with adaptable angle of IR illumination up to 30 meters (100 feet).
- Integrated bracket for easy mounting on wall and ceiling.
- Power over Ethernet.
- Casing: IP66, IP67- and NEMA 4X-rated casing (polyester polycarbonate blend)
- Sustainability PVC free
- **Memory :** 512 MB RAM, 256 MB Flash
- **Power:** Power over Ethernet IEEE 802.3af/802.3at Type I Class 3 Typical: 4.6 W, max 11 W
- **Connectors:** RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin terminal block for 1 alarm input and 1 output
- **IR illumination :** Optimized IR, highly efficient LEDs with adjustable intensity and angle of illumination. 3–10.5 mm: Range up to 30 m (100 ft) 10–22 mm: Range up to 50 m (164 ft)
- **Storage :** Support for microSD/microSDHC/microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations
- **Operating conditions :** -30 °C to 55 °C (-22 °F to 131 °F) -30 °C to 60 °C (-22 °F to 140 °F) when IR LEDs are off Humidity 10–100% RH (condensing) Storage conditions -40 °C to 65 °C (-40 °F to 149 °F)
- **Operating conditions** -30 °C to 60 °C (-22 °F to 140 °F).
- **Approvals :** EMC EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 50121-4, IEC 62236-4, FCC Part 15 Subpart B Class A and B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24 Safety IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC/EN 62471 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14 IEC 60068-2-6 (vibration), IEC 60068-2-27 (shock), IEC 60068-2-30, IEC 60068-2-78, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC/EN 62262 IK10
- Security Password protection, IP address filtering, HTTPSa encryption, IEEE 802.1Xa network access control, Digest authentication, User access log
- Supported : protocols IPv4/v6, HTTP, HTTPSa , SSL/TLSa , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP/TM, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH LLDP

Warranty 3-years

3.

Video wall screens
Samsung UD46E-A



التاريخ :

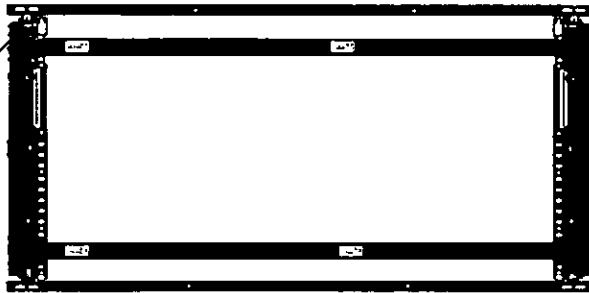
الرقم:



Handwritten signature or mark.

- Diagonal Size : 46"
- Recommended Usage Hours : 24/7
- Dimension (mm) 1022.1x576.6 x 97.4
- Bezel Width (mm) 2.3mm(U/L), 1.2mm(R/B) total 3.5mm
- Brightness(Typ.) : 700 nit
- Type D-LED DID
- Resolution : 1920*1080 (Full HD)
- Pixel Pitch(mm) : 0.53025mm(H)*0.53025mm(V)
- Active Display Area(mm) 1018.08mm*572.67mm
- Contrast Ratio : 3500:1
- Viewing Angle(H/V) : 178/178
- Response Time(G-to-G) : 8ms
- Display Colors 8 bit : 16.7M
- Input
 - RGB : Analog D-SUB, DVI-D, Display Port 1.
 - Video : HDMI1, HDMI2
 - HDCP : HDCP 2.2
 - Audio : Stereo mini Jack
 - USB : Only F/W upgrade
- Output
 - RGB : DP1.2(Loop-out)
 - Audio : Stereo mini Jack
 - External Control : RS232C(in/out), RJ45
 - External Sensor : Detachable type(IR, Ambient)

Professional wall mount for Video wall



STANDARD WARRANTY
3 Years On-Site (Parts / Labor / Backlight)

4.

Video wall Controller Switcher

1

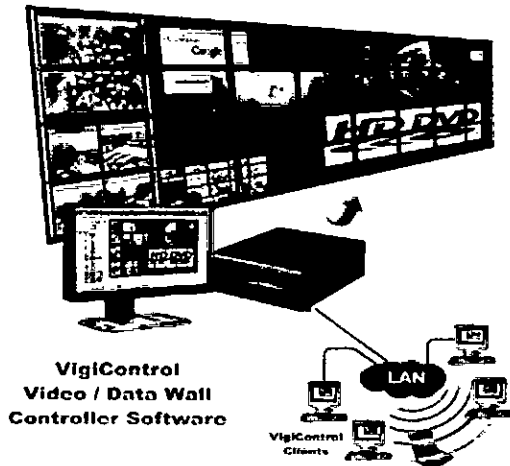


التاريخ :

الرقم:

EMS Video wall Processor

- 1 to 48 display channels using the XtremeVision graphics card
- 4 to 128 video capture channels using the XtremeRGB-Ex8 or XtremeRGB-Ex4+ capture cards
- 1 to 32 SD-SDI/ HD-SDI/ 3G-SD capture channels using the XtremeRGB/DVI capture cards
- Expand with 1 or 2 XtremeIPC-x9+ expansion chassis providing a maximum of 25 PCI Express slots
- Compatible with EMS Wall Control software application VigiControl
- Cost efficient controller solution



Our devise includes the bellow configuration

- 18 screen video wall
- 18 video inputs hdmi/DVI

Total card count: 6, this will require one host chassis.

1. XtremeVision-Pro/HDMI, PCIe, quad channel graphics controller, - quantity: 3,
2. XtremeDV-HD4/D, quad channel DVI (HDMI) capture card, - quantity: 3,
3. VigiControl, wall controller software,
4. XtremeIPC-iX9, VSN970-ATX/8GB - 19" Industrial Chassis 4U, with Intel Core i7 8BC 3.4Ghz, 8GB DDR3, 9 slot PCIe "Switch Fabric" backplane, 2x 750GB Sata HDD (Mirrored), DVD-RW, ATX PSU, Win 7 64bit, Keyboard/Mouse, complete build, up to 48hr soak tested.
3 years Warranty

Switches:

POE switches (Building A + B + C):

Item	Item Description	QTY.
1.	12 Port PoE+/PoE Fanless switch – Floor switch: Juniper EX2300-C-12P PoE+/PoE switch	50



التاريخ :

الرقم:

<p>12-port 10/100/1000BASE-T PoE+, 2 x 1/10GbE SFP/ SFP+ (SFP+/SFP transceivers are not included and sold separately) POE budget: up to 124 W Packet-Switching Capacities (Maximum with 64-Byte Packets): up to 64Gbps Layer 2/Layer 3 Throughput (Mpps) (Maximum with 64 Byte Packets): 47 Mpps (wire speed) Services and Manageability: • command-line interface (CLI) • Web interface (Jweb) • Out-of-band management: Serial, 10/100BASE-T Ethernet • ASCII configuration • Rescue configuration • Configuration rollback • Image rollback • Real-time performance monitoring (RPM); requires licenses (license not included and sold separately) • SNMP: v1, v2c, v3 • Remote monitoring (RMON) (RFC 2819) Groups 1, 2, 3, 9 • Network Time Protocol (NTP) • DHCP server • DHCP client and DHCP proxy • DHCP relay and helper • RADIUS authentication • SSHv2 • Secure copy • HTTP/HTTPS • DNS resolver • System logging • Temperature sensor • Configuration backup via FTP/secure copy • Interface range Quality of Service (QoS): • Layer 2 QoS • Layer 3 QoS • Ingress policing: 2 rate 3 color • Hardware queues per port: 8 • Scheduling methods (egress): Strict Priority (SP), shapeddeficit weighted round-robin (SDWRR) • 802.1p: DSCP/IP precedence trust and marking • L2-L4 classification criteria: Interface, MAC address, Ethertype, 802.1p, VLAN, IP address, DSCP/IP precedence, TCP/UDP port numbers • Congestion avoidance capabilities: Tail drop and WRED Access control lists (ACLs): • Port-based ACL (PACL)—256 ingress; 256 egress • VLAN-based ACL (VACL)—256 ingress; 256 egress • Router-based ACL (RACL)—256 ingress; 512 egress • ACL entries (ACE) in hardware per system: 2,000 • ACL counter for denied packets • ACL counter for permitted packets • Ability to add/remove/change ACL entries in middle of list (ACL editing) • L2-L4 ACL Hardware queues per port: 8 Maximum MAC addresses in hardware: 16,000 Number of VLANs supported: 4090 Routing: support RIP and static routing</p>	
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التاريخ :

الرقم:

<p>OSPF and VRRP: supported using license (not included, and sold separately) DRAM: 2 GB with ECC Flash: 2 GB CPU: 1.25 GHz ARM CPU Access Security:</p> <ul style="list-style-type: none">• MAC limiting• Allowed MAC addresses—configurable per port• Sticky MAC (persistent MAC address learning)• Dynamic ARP inspection (DAI)• Proxy ARP• Static ARP support• DHCP snooping• 802.1X port-based• 802.1X multiple supplicants	
<p>• 802.1X with VLAN assignment • 802.1X with authentication bypass access (based on host MAC address) • 802.1X with VoIP VLAN support • 802.1X dynamic access control list (ACL) based on RADIUS</p> <p>Attributes</p> <ul style="list-style-type: none">• Control plane DoS protection• Static MAC authentication• MAC-RADIUS• Fallback Authentication• Trusted Network Connect (TNC) certified <p>Bidirectional Forwarding Detection (BFD): yes, using license (not included, and sold separately) Stacking support: yes, using license (not included, and sold separately). 10G SFP+ ports: supported (SFP+/SFP transceivers are not included and sold separately) Warranty: limited lifetime switch hardware warranty</p>	
<p><i>Rack-mount kit for Juniper EX2300-C-12P switch</i></p>	50



التاريخ :

الرقم:

Item	Item Description	QTY.
5.	<p>24 Port PoE+/PoE switch – Parking/Yard switch: Juniper EX2300-24P PoE+/PoE Switch 24-port 10/100/1000BASE-T PoE+, 4 x 1/10GbE SFP/SFP+ (SFP+/SFP transceivers sold separately) Total PoE+/PoE budget: up to 370Watt Packet-Switching Capacities (Max with 64-Byte Pkts): 128 Gbps L2/L3 Throughput (Mpps) (Max with 64 Byte Pkts): 95 Mpps Services and Manageability:</p> <ul style="list-style-type: none"> • command-line interface (CLI) • Web interface.(Jweb) • Out-of-band management: Serial, 10/100BASE-T Ethernet • ASCII configuration • Rescue configuration • Configuration rollback • Image rollback • Simple Network Management Protocol (SNMP): v1, v2c, v3 • Remote monitoring (RMON) (RFC 2819) Groups 1, 2, 3, 9 • Network Time Protocol (NTP) • DHCP server • DHCP client and DHCP proxy • DHCP relay and helper • RADIUS authentication • TACACS+ authentication • SSHv2 • Secure copy • HTTP/HTTPS • DNS resolver • System log logging • Temperature sensor • Configuration backup via FTP/secure copy • Interface range <p>Quality of Service (QoS):</p> <ul style="list-style-type: none"> • Layer 2 QoS • Layer 3 QoS • Ingress policing: one-rate two-color; two-rate three-color markers • Hardware queues per port: 8 • Scheduling methods (egress): Strict Priority (SP), shaped deficit weighted round-robin (SDWRR) • 802.1p, DSCP /IP precedence trust and marking • L2-L4 classification criteria: Interface, MAC address, EtherType, 802.1p, VLAN, IP address, DSCP/IP precedence, TCP/UDP port numbers • Congestion avoidance capabilities: Tail drop and WRED <p>Access control lists (ACLs) :</p> <ul style="list-style-type: none"> • Port-based ACL (PACL)—256 ingress; 256 egress • VLAN-based ACL (VACL)—256 ingress; 256 egress • Router-based ACL (RACL)—256 ingress; 512 egress • ACL entries (ACE) in hardware per system: 2,000 • ACL counter for denied packets • ACL counter for permitted packets • Ability to add/remove/change ACL entries in middle of list 	5



التاريخ :

الرقم:

	<p>(ACL editing)</p> <ul style="list-style-type: none"> • L2-L4 ACL <p>Access Security:</p> <ul style="list-style-type: none"> • MAC limiting • Allowed MAC addresses—configurable per port • Sticky MAC (persistent MAC address learning) • Dynamic ARP inspection (DAI) • Proxy ARP • Static ARP support • DHCP snooping • 802.1X port-based • 802.1X multiple supplicants • 802.1X with VLAN assignment 	
	<ul style="list-style-type: none"> • 802.1X with authentication bypass access (based on host MAC address) • 802.1X with VoIP VLAN support • 802.1X dynamic ACL based on RADIUS attributes • 802.1X Supported EAP types: Message Digest 5 (MD5), Transport Layer Security (TLS), Tunneled Transport Layer Security (TTLS), Protected Extensible Authentication Protocol (PEAP) • IPv6 RA Guard • IPv6 Neighbor Discovery Inspection • Static MAC authentication • MAC-RADIUS • Control plane DoS protection • Fallback authentication • Trusted Network Connect (TNC) certified <p>Bidirectional Forwarding Detection (BFD): yes, using license (not included, and sold separately)</p> <p>Stacking support: yes, using license (not included, and sold separately).</p> <p>Real-Time Performance Monitoring (RPM): yes, using license (not included, and sold separately).</p> <p>Hardware queues per port: 8</p> <p>Maximum MAC addresses in hardware: 16,000</p> <p>Number of VLANs supported: at least 4090</p> <p>Routing: support RIP and static routing</p> <p>OSPF and VRRP: supported using license (not included, and sold separately)</p> <p>DRAM: 2 GB</p> <p>Flash: 2 GB</p> <p>CPU: 1.25GHz ARM CPU</p> <p>Warranty: Limited lifetime switch hardware warranty</p>	<p>Handwritten signature and notes.</p>



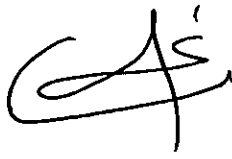


Aggregation switches (in Building B + C):

Item	Item Description	QTY.
6.	<p>32 port SFP-based Aggregation switch (support Fibre and RJ-45 SFP)</p> <p>Juniper EX4300-32F 32-port Switch</p> <p>Carrier-class High-performance switch</p> <p>Full Managed Layer-2 and Layer-3 ,</p> <p>32-port 100/1000BASE-X SFP (optics sold separately)</p> <p>4x10GBASE-X SFP+ (optics sold separately)</p> <p>2x40GBASE-X QSFP+ (optics sold separately), and</p> <p>350W AC PS</p> <p>Hardware queues per port: 12</p> <p>Maximum MAC addresses in hardware: up to 64,000</p>	2



التاريخ :

الرقم:

<p>Number of VLANs supported: 4090 Routing: should support RIP and static routing OSPF and VRRP: should be supported using license (not included, and sold separately) Switching capacity: 464 Gbps “Leaf-Spine” Architecture: the switch support to act as “Leaf” switch in the “Leaf-Spine” architecture Services and Manageability:</p> <ul style="list-style-type: none">• CLI• Web interface• Out-of-band management: Serial; 10/100/1000BASE-T Ethernet• ASCII configuration• Rescue configuration• Configuration rollback	
<ul style="list-style-type: none">• Image rollback• LCD management• SNMP: v1, v2c, v3• RMON (RFC 2819) Groups 1, 2, 3, 9• Network Time Protocol (NTP)• DHCP server• DHCP client and DHCP proxy• DHCP relay and helper• DHCP local server support• RADIUS• TACACS+• SSHv2• Secure copy• HTTP/HTTPS• Domain Name System (DNS) resolver• System logging• Temperature sensor• Configuration backup via FTP/secure copy <p>Quality of Service (QoS):</p> <ul style="list-style-type: none">• Layer 2 QoS• Layer 3 QoS• Ingress policing: 1 rate 2 color• Hardware queues per port: 12• Scheduling methods (egress): Strict priority (SP), weighted deficit round robin (WDRR)• 802.1p, DiffCode (DSCP)/IP Precedence trust and marking• L2-L4 classification criteria: Interface, MAC address, Ethertype, 802.1p, VLAN, IP address, DSCP/IP Precedence, TCP/UDP port numbers, and more• Congestion avoidance capabilities: Tail drop, weighted random early detection (WRED) <p>Access control lists (ACLs) :</p> <ul style="list-style-type: none">• Port-based ACL (PACL): Ingress and egress• VLAN-based ACL (VACL): Ingress and egress• Router-based ACL (RACL): Ingress and egress• ACL entries (ACE) in hardware per system:<ul style="list-style-type: none">-- Port-based ACL (PACL) ingress: 3,072-- VLAN-based ACL (VACL) ingress: 3,500-- Router-based ACL (RACL) ingress: 7,000-- Egress shared across PACL and VACL: 512-- Egress across RACL: 1,024• ACL counter for denied packets	    



التاريخ :

الرقم:

<ul style="list-style-type: none">• ACL counter for permitted packets• Ability to add/remove/change ACL entries in middle of list (ACL editing)• L2-L4 ACL <p>Access Security:</p> <ul style="list-style-type: none">• 802.1X port-based• 802.1X multiple supplicants• 802.1X with VLAN assignment• 802.1X with authentication bypass access (based on host MAC address)• 802.1X with VoIP VLAN support• 802.1X dynamic ACL based on RADIUS attributes• 802.1X Supported Extensible Authentication Protocol (EAP types): Message Digest 5 (MD5), Transport Layer Security (TLS), Tunneled TLS (TTLS), Protected Extensible Authenticated Protocol (PEAP)• MAC authentication (RADIUS)• Control plane DoS protection• Radius functionality over IPv6 for AAA• DHCPv6 snooping <p>Bidirectional Forwarding Detection (BFD): yes, using license (not included, and sold separately).</p> <p>Stacking support: yes, using license (not included, and sold separately).</p> <p>Hardware queues per port: 12</p> <p>Routing: support RIP and static routing</p> <p>OSPF and VRRP: supported using license (not included, and sold separately)</p> <p>DRAM: 4GB</p> <p>Flash: 4 GB</p> <p>CPU: 1.5 GHz Dual-Core PowerPC CPU</p> <p>Warranty: Limited lifetime switch hardware warranty</p> <p>Includes: 2nd Redundant power supply</p>	
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التاريخ :

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Datacenter switches (in Building A):

Item	Item Description	QTY.
7.	<p>32 port SFP-based Datacenter switch (support Fibre and RJ-45 SFP); Juniper EX4300-32F 32-port Switch Carrier-class High-performance switch Full Managed Layer-2 and Layer-3 , 32-port 100/1000BASE-X SFP (optics sold separately) 4x10GBASE-X SFP+ (SFP+/SFP transceivers sold separately) 2x40GBASE-X QSFP+ (SFP+/SFP transceivers sold separately), and 350W-AC-PS</p> <p>Hardware queues per port: 12 Maximum MAC addresses in hardware: up to 64,000 Number of VLANs supported: 4090 Routing: should support RIP and static routing OSPF and VRRP: should be supported using license (not included, and sold separately) Switching capacity: 464 Gbps “Leaf-Spine” Architecture: the switch support to act as “Leaf” switch in the “Leaf-Spine” architecture Warranty: limited lifetime switch hardware warranty</p> <p>Includes:</p> <ul style="list-style-type: none"> - 2nd Redundant power supply+ - 8-ports 10Gb SFP+/SFP module; SFP+/SFP transceivers are NOT included and sold separately <p>Services and Manageability:</p> <ul style="list-style-type: none"> • CLI • Web interface • Out-of-band management: Serial; 10/100/1000BASE-T Ethernet • ASCII configuration • Rescue configuration • Configuration rollback • Image rollback • LCD management • SNMP: v1, v2c, v3 • RMON (RFC 2819) Groups 1, 2, 3, 9 • Network Time Protocol (NTP) • DHCP server • DHCP client and DHCP proxy • DHCP relay and helper • DHCP local server support • RADIUS • TACACS+ • SSHv2 • Secure copy • HTTP/HTTPS • Domain Name System (DNS) resolver • System logging • Temperature sensor • Configuration backup via FTP/secure copy <p>Quality of Service (QoS):</p> <ul style="list-style-type: none"> • Layer 2 QoS • Layer 3 QoS 	2



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	<ul style="list-style-type: none"> • Ingress policing: 1 rate 2 color • Hardware queues per port: 12 • Scheduling methods (egress): Strict priority (SP), weighted deficit round robin (WDRR) • 802.1p, DiffCode (DSCP)/IP Precedence trust and marking • L2-L4 classification criteria: Interface, MAC address, Ethertype, 802.1p, VLAN, IP address, DSCP/IP Precedence, TCP/UDP port numbers, and more • Congestion avoidance capabilities: Tail drop, weighted random early detection (WRED) <p>Access control lists (ACLs) :</p> <ul style="list-style-type: none"> • Port-based ACL (PACL): Ingress and egress • VLAN-based ACL (VACL): Ingress and egress • Router-based ACL (RACL): Ingress and egress 	
	<ul style="list-style-type: none"> • ACL entries (ACE) in hardware per system: <ul style="list-style-type: none"> -- Port-based ACL (PACL) ingress: 3,072 -- VLAN-based ACL (VACL) ingress: 3,500 -- Router-based ACL (RACL) ingress: 7,000 -- Egress shared across PAACL and VACL: 512 -- Egress across RACL: 1,024 • ACL counter for denied packets • ACL counter for permitted packets • Ability to add/remove/change ACL entries in middle of list (ACL editing) • L2-L4 ACL <p>Access Security:</p> <ul style="list-style-type: none"> • 802.1X port-based • 802.1X multiple supplicants • 802.1X with VLAN assignment • 802.1X with authentication bypass access (based on host MAC address) • 802.1X with VoIP VLAN support • 802.1X dynamic ACL based on RADIUS attributes • 802.1X Supported Extensible Authentication Protocol (EAP types): Message Digest 5 (MD5), Transport Layer Security (TLS), Tunneled TLS (TTLS), Protected Extensible Authenticated Protocol (PEAP) • MAC authentication (RADIUS) • Control plane DoS protection • Radius functionality over IPv6 for AAA • DHCPv6 snooping <p>Bidirectional Forwarding Detection (BFD): yes, using license (not included, and sold separately).</p> <p>Stacking support: yes, using license (not included, and sold separately).</p> <p>Hardware queues per port 12</p> <p>Routing: support RIP and static routing</p> <p>OSPF and VRRP: supported using license (not included, and sold separately)</p> <p>DRAM: 4GB</p> <p>Flash: 4 GB</p> <p>CPU: 1.5 GHz Dual-Core PowerPC CPU</p> <p>Warranty: Limited lifetime switch hardware warranty</p> <p>Includes: 2* Redundant power supply 40G 3M stacking cable</p>	2

Operator switch:

Item	Item Description	QTY.
8.	48 port PoE+/PoE Switch:	2



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Juniper EX2300-48P PoE+/PoE switch
48-port 10/100/1000BASE-T PoE+,
4 x 1/10GbE SFP/SFP+ (optics sold separately)
Total PoE+/PoE budget: 740Watt
Packet-Switching Capacities (Max with 64-Byte Pkts): 176 Gbps
L2/L3 Throughput (Mpps) (Max with 64 Byte Pkts): 130 Mpps
Hardware queues per port: 8
Maximum MAC addresses in hardware: 16,000
Number of VLANs supported: 4090
Routing: support RIP and static routing
OSPF and VRRP: supported using license (not included, and sold separately)
Services and Manageability:

- CLI
- Web interface (Jweb)
- Out-of-band management: Serial, 10/100BASE-T Ethernet
- ASCII configuration
- Rescue configuration
- Configuration rollback
- Image rollback
- Simple Network Management Protocol (SNMP): v1, v2c, v3
- Remote monitoring (RMON) (RFC 2819) Groups 1, 2, 3, 9
- Network Time Protocol (NTP)
- DHCP server
- DHCP client and DHCP proxy
- DHCP relay and helper
- RADIUS authentication
- TACACS+ authentication
- SSHv2
- Secure copy
- HTTP/HTTPS
- DNS resolver
- System log logging
- Temperature sensor
- Configuration backup via FTP/secure copy
- Interface range

Quality of Service (QoS):

- Layer 2 QoS
- Layer 3 QoS
- Ingress policing: one-rate two-color; two-rate three-color markers
- Hardware queues per port: 8
- Scheduling methods (egress): Strict Priority (SP), shaped deficit weighted round-robin (SDWRR)
- 802.1p, DSCP/IP precedence trust and marking
- L2-L4 classification criteria: Interface, MAC address, EtherType, 802.1p, VLAN, IP address, DSCP/IP precedence, TCP/UDP port numbers
- Congestion avoidance capabilities: Tail drop and WRED

Access control lists (ACLs):

- Port-based ACL (PACL)—256 ingress; 256 egress
- VLAN-based ACL (VACL)—256 ingress; 256 egress
- Router-based ACL (RACL)—256 ingress; 512 egress
- ACL entries (ACE) in hardware per system: 2,000
- ACL counter for denied packets
- ACL counter for permitted packets



التاريخ :

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<ul style="list-style-type: none"> • Ability to add/remove/change ACL entries in middle of list (ACL editing) • L2-L4 ACL <p>Access Security:</p> <ul style="list-style-type: none"> • MAC limiting • Allowed MAC addresses—configurable per port • Sticky MAC (persistent MAC address learning) • Dynamic ARP inspection (DAI) • Proxy ARP • Static ARP support • DHCP snooping • 802.1X port-based • 802.1X multiple supplicants • 802.1X with VLAN assignment 	
<ul style="list-style-type: none"> • 802.1X with authentication bypass access (based on host MAC address) • 802.1X with VoIP VLAN support • 802.1X dynamic ACL based on RADIUS attributes • 802.1X Supported EAP types: Message Digest 5 (MD5), Transport Layer Security (TLS), Tunneled Transport Layer Security (TTLS), Protected Extensible Authentication Protocol (PEAP) • MAC-RADIUS • Control plane DoS protection • Fallback authentication • Trusted Network Connect (TNC) certified <p>Warranty: Limited lifetime switch hardware warranty</p>	

SFP+/SFP transceivers:

Item	Item Description	QTY.
9.	10G SFP+ 10GBASE-SR Multimode fiber transceiver (up to 300 meter on OM3 cable)	20
10.	1G SFP RJ-45 Copper transceiver	130
11.	1G SFP 1000BASE-SX Multimode fiber transceiver	20

Main Firewall (for Site-to-Site VPN only):

item	Item Description	Qty.
12.	<p>Juniper SRX550 Firewall</p> <ul style="list-style-type: none"> - 4 GB DRAM - 8 GB Flash - IPsec VPN throughput (large packets) : 1Gbps - 2U Rack mountable 	1



التاريخ :

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	<ul style="list-style-type: none"> - 6 10/100/1000BASE-T ports, - USB ports - Firewall performance (big packets): 7 Gbps - 4GbE SFP ports (SFP transceivers are sold separately), - Fans - support OSPF, BGP, RIP, Static routes - support MPLS - have 5 slots to host different types of interfaces, such as: T1/E1, serial, ADSL2/2+, VDSL, G.SHDSL, DS3/E3, Gigabit Ethernet ports using additional ports module cards (ports module cards are sold separately) - Dual Power Supplies installed; each power supply is 645W AC power, with supporting to provide up to 200W POE power when using POE ports module card (ports module cards are sold separately). 	
	<ul style="list-style-type: none"> - Rack mount kit and Power cord <p>3 Years 24x7 manufacturer warranty and support (Next-Day Shipping with Advanced replacement)</p>	

Branch Firewall (for Site-to-Site VPN only to the main Firewall):

item	Item Description	Qty.
13.	<p>Branch Firewall: <i>Juniper SRX300-SYS-JB</i></p> <ul style="list-style-type: none"> - IPsec VPN throughput (MIX packet size) : 100Mbps - 6 x 1GbE ports, - 2 x SFP ports (SFP transceivers are sold separately), - USB ports - Firewall performance (IMIX packets): 500 Mbps - support OSPF, RIP, Static routes - Rack mount kit and Power cord - Firewall should be the same brand as the switches <p>3 Years 24x7 manufacturer warranty and support (Next-Day Shipping with Advanced replacement)</p>	4

Note: installation and configurations for switches and Firewalls should be done by Certified employees who have certificates from the vendor

Building A UPS:

Item	Item Description	Qty.



التاريخ :

الرقم:

	<p>Riello UPS MCM/MSM 20KVA 3:1 (Tower)</p> <ul style="list-style-type: none">• INPUT<ul style="list-style-type: none">- Nominal voltage: 380-400-415 Vac three-phase + N- Nominal frequency: 50/60 Hz- Frequency tolerance: 40 - 72 Hz- Power factor at full load: 0,99- Current distortion: THDI <= 3%• BYPASS<ul style="list-style-type: none">- Nominal voltage: 220-230-240 Vac single-phase + N- Number-of-phases:-1- Voltage tolerance: (Ph-N): 180 - 264 V (selectable)- Nominal frequency: 50 or 60 Hz (selectable)	
14. 1	<ul style="list-style-type: none">• Frequency tolerance: ±5 (selectable)OUTPUT<ul style="list-style-type: none">- Nominal power (kVA): 20KVA- Active power (kW): 16KW- Power factor: 0.8- Number of phases: 1- Nominal voltage (V): 220-230-240 Vac single-phase + N (selectable)- Static variation: ± 1%- Dynamic variation: ± 3%- Crest factor: 3 : 1 Ipeak/Irms- Voltage distortion: ≤ 1% with linear load / ≤ 3% with non-linear load- Frequency: 50/60 Hz.- Frequency stability during battery operation: 0,01%.• BATTERIES<ul style="list-style-type: none">- Type: VRLA AGM- Recharge time 6 hours- 80 X 7.2A.h• INFO FOR INSTALLATION<ul style="list-style-type: none">- Dimensions (WxDxH) (mm): 320 x 840 x 930 (MCM/MCT version)- Communications: 3 slots for communications interface / USB / RS232- Operating temperature 0 °C / +40 °C- Relative humidity 90% non-condensing- Colour: Dark grey RAL 7016- Noise level at 1 m [dBA ±2] Smart Active: < 40 dBA- IP rating IP20- Smart Active efficiency up to 98%• UPS Supply and installation without cabling.• Warranty 3 years	1



التاريخ :

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15.	<p>FM 200 System النظام يتضمن توريد وتركيب وتشغيل نظام اطفاء تلقائي مناسب لرفة حجمها 3م*3م*2.5 ويشمل لوحة التحكم وكواشف الدخان والحرارة والمواسير وجرة الغاز الخاصه وكل ما يلزم من ملحقات FM200 System UL Approval</p>	1
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Materials and Installation

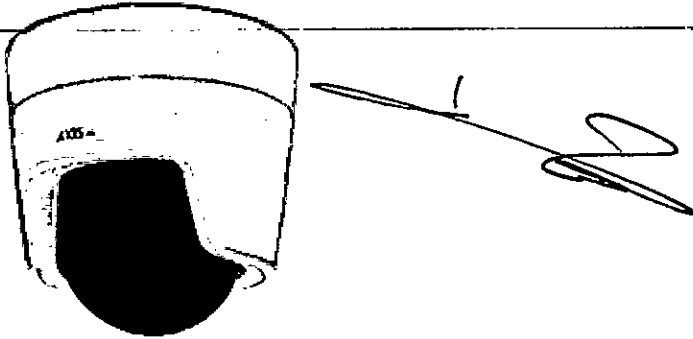
Item	Item Description	QTY.
16.	<p>Edge Cabinets: 50 x 12U 80 cm depth Cabinet 4 x 20U 80 cm Depth Cabinet Cable management tray Fiber Cable Part : Outdoor MM OM3 6 core Branded Fiber Cable , LC -LC 2 MM patch cord, * 40 Branded 6 port ODF including the Pigtails * 5 Branded 12 Port ODF including Pigtails * 1 Splicing 30 Fiber core, testing and labelling Cat 6 A cables Outdoor Branded Cat 6A Cable Branded CAT 6 A 24 Port Patch panel * 47 Branded FTP CAT 6 Ethernet cable 2m * 400 Infrastructure and Re-habitations Labor work including cabling trunking, punching, testing & labelling Server room & Operation room Infrastructure preparation including the fire rated doors , painting , powering , cooling and security preparation 2T AC split units x 2 Installation and system operation Disassemble the old CCTV system PAM handover training and operators training</p>	LS
17.	Three years After sale support (SLA) with 24 hours response time and during the working hours	LS



التاريخ :

الرقم:

موقع تعبئة الغاز والمحروقات نعلين وترقوميا ومبنى الرخام

Item	Item Description	QTY.
18.	<p>(Indoor Camera mini dome Camera)</p> <p>AXIS M3105-LVE</p>  <ul style="list-style-type: none">• HDTV 1080p resolution at 30 fps• Day/night,• compact mini dome in a vandal-resistant,• Outdoor-ready, flat-faced design.• Built-in IR illumination• WDR – Forensic Capture.• Fixed lens. Multiple, individually configurable H.264 and Motion JPEG streams• Image sensor : 1/2.8" progressive scan RGB CMOS• Lens M12 mount, Fixed iris, Fixed focus 2.8 mm, F2.0 Horizontal field of view: 115° Vertical field of view: 64°• Day and night Automatically removable infrared-cut filter• Minimum illumination :<ul style="list-style-type: none">○ Color: 0.2 lux at 50 IRE, F2.0○ B/W: 0.04 lux at 50 IRE, F2.0○ 0 lux with IR illumination on• Shutter time 1/66500 s to 2 s• Camera angle adjustment<ul style="list-style-type: none">○ Pan: ±180°○ Tilt: 0° to 60° (0° = lens directed at a right angle to camera base)○ Rotation: ±95° Can be directed in any direction and see the wall/ceiling• Zipstream technology for reduced bandwidth and storage needs.• Memory card slot for optional local video storage.• Video motion detection and active tampering alarm.• Video compression H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG• Resolution 1920x1080 to 176x120• Frame rate Up to 25/30 fps with power line frequency 50/60 Hz• Video streaming: Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth Zipstream technology in H.264 VBR/MBR H.26	30



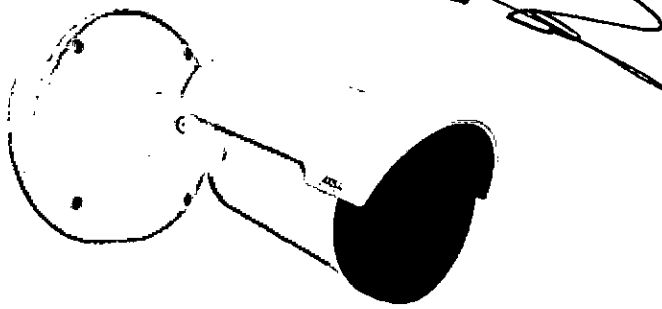
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- **Approvals** : EMC EN 55022 Class B, EN 55024, IEC 62471, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN32 Class B, KN35 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-78, IEC 60068-2-14, IEC 60068-2-6, IEC 60068-2-27, IEC/EN 62262 IK08, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC 60721-3-4 Class 4M3 Safety IEC/EN/UL 60950-22
- **Casing** : IP66-, NEMA 250 Type 4X, and IK08-rated, ASA polymer casing Encapsulated electronics, Captive screws (Torx 10) Color: White NCS S 1002-B For repainting instructions and impact on warranty,
- **Sustainability** : PVC free
- Memory 512 MB RAM, 256 MB Flash
- **Power**: Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 Typical: 4.2 W, Max.: 6.2 W
- **Connectors** : RJ45 10BASE-T/100BASE-TX PoE
- **IR illumination**: Power-efficient, long-life 850 nm IR LED. Range of reach up to 15 m (50 ft) depending on scene
- **Storage** : Support for microSD /microSDHC /microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS
- **Operating conditions**: -30°C to 50°C (-22 °F to 122 °F) Humidity 10–100% RH (condensing)
- **Security** : Password protection, IP address filtering, HTTPSa encryption, IEEE 802.1Xa network access control, Digest authentication, User access log, Centralized Certificate Management
- **Supported protocols** : IPv4/v6, HTTP, HTTPSa , SSL/TLSa , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP/TM, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP

Warranty 3-years

(Outdoor Camera)
Axis P1435-LE



- > **Slim, bullet camera**
- > **Built-in IR LEDs with Optimized IR**
- > **Two lens alternatives**
- > **HDTV 1080p at up to 50/60 fps**
- > **Zipstream**
- Compact and outdoor-ready HDTV camera for day and night surveillance,
- IP66-rated, varifocal 3-10.5 mm
- P-iris lens. Remote 3.5 x optical zoom and focus.
- Automatic IR cut filter.
- Multiple, individually configurable H.264 and Motion JPEG streams; max HDTV 1080p /2MP resolution at 50/60 fps.
- Video motion detection,
- active tampering alarm,
- corridor format,
- Lightfinder,

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التاريخ :

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- Zipstream technology
- WDR – Forensic Capture.
- Image sensor Progressive scan CMOS 1/2.8”
- Lens 3–10.5 mm, F1.4: Horizontal field of view: 95°–35° Vertical field of view: 51°–20° 10–22 mm, F1.85: Horizontal field of view: 34.5°–18° Vertical field of view: 20°–11° Varifocal, Autofocus, Remote focus and zoom, P-Iris control, IR corrected
- Day and night Automatically removable infrared-cut filter
- **Minimum illumination :**
 - 3–10.5 mm, at 50 IRE F1.4
 - Color: 0.12 lux at 30 fps
 - Color: 0.24 lux at 60 fps
 - B/W: 0.01 lux at 30 fps
 - B/W: 0.02 lux at 60 fps 10–22 mm, at 50 IRE F1.85
 - Color: 0.16 lux at 30 fps
 - Color: 0.32 lux at 60 fps
 - B/W: 0.02 lux at 30 fps
 - B/W: 0.03 lux at 60 fps
 - 0 lux with IR illumination on
- I/O ports, microSD/SDHC memory card slot for edge storage.
- OptimizedIR, a power-efficient LED technology with adaptable angle of IR illumination up to 30 meters (100 feet).
- Integrated bracket for easy mounting on wall and ceiling.
- Power over Ethernet.
- Casing: IP66, IP67- and NEMA 4X-rated casing (polyester polycarbonate blend)
- Sustainability PVC free
- **Memory :** 512 MB RAM, 256 MB Flash
- **Power:** Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Typical: 4.6 W, max 11 W
- **Connectors:** RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin terminal block for 1 alarm input and 1 output
- **IR illumination : OptimizedIR,** highly efficient LEDs with adjustable intensity and angle of illumination. 3–10.5 mm: Range up to 30 m (100 ft) 10–22 mm: Range up to 50 m (164 ft)
- **Storage :** Support for microSD/microSDHC/microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations
- **Operating conditions :** -30 °C to 55 °C (-22 °F to 131 °F) -30 °C to 60 °C (-22 °F to 140 °F) when IR LEDs are off Humidity 10–100% RH (condensing) Storage conditions -40 °C to 65 °C (-40 °F to 149 °F)
- **Operating conditions** -30 °C to 60 °C (-22 °F to 140 °F).
- **Approvals :** EMC EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 50121-4, IEC 62236-4, FCC Part 15 Subpart B Class A and B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24 Safety IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC/EN 62471 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14 IEC 60068-2-6 (vibration), IEC 60068-2-27 (shock), IEC 60068-2-30, IEC 60068-2-78, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC/EN 62262 IK10
- Security Password protection, IP address filtering, HTTPSa encryption, IEEE 802.1Xa network access control, Digest authentication, User access log
- Supported : protocols IPv4/v6, HTTP, HTTPSa , SSL/TLSa , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH LLDP

Warranty 3-years

20. Panoramic camera

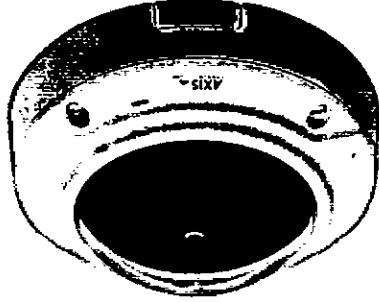
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التاريخ :

الرقم:

AXIS M3007-PV



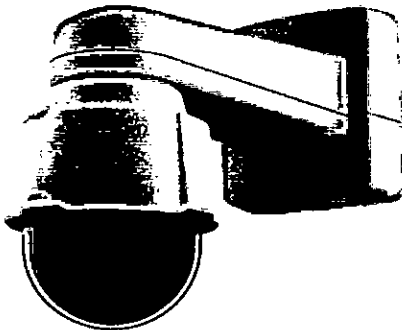
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- 360°/180° panoramic views in up to 5 MP resolution
- Image sensor 1/3.2" progressive scan RGB CMOS
- Lens M12 mount, F2.8, Fixed iris, Megapixel resolution 1.3 mm Horizontal angle of view: 187° Vertical angle of view: 168°
- Light sensitivity 0.6-200000 lux, F2.8
- Video compression H.264 Main Profile (MPEG-4 Part 10/AVC), Motion JPEG
- Compact, vandal- and dust-resistant design
- Easy, flexible installation on wall or ceiling
- Digital PTZ and multi-view streaming with dewarped views
- Edge storage with support for microSDHC card
- Video motion detection and active tampering alarm.
- Memory 512 MB RAM, 128 MB Flash Power
- Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2, max. 4.6 W

3 years Warranty

PTZ Camera

AXIS P5635-E



21.

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- PTZ camera with continues 360° pan for both indoor and outdoor
- 30x optical zoom.
- HDTV 1080p @ 25fps (1920x1080) in H.264 and Motion JPEG,
- Two-way audio, 4xI/O, 24V and PoE,
- Video compression : H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
- Resolutions 1920x1080 (HDTV 1080p) to 320x180
- Day & Night, IP66 and NEMA 4X classification.
- Advanced Gatekeeper,



التاريخ :

الرقم:

	<ul style="list-style-type: none">• full-size SD-card slot.• Security: Password protection, IP address filtering, HTTPSa encryption, IEEE 802.1Xa network access control, Digest authentication, User access log, Centralized certificate management• Supported protocols IPv4/v6, HTTP, HTTPSa, SSL/TLSa, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP• Image sensor Progressive scan CMOS 1/2.8"• Lens 4.3–129 mm, F1.6–4.7 Horizontal field of view: 65.6°–2.0° Vertical field of view: 39.0°–1.2° Autofocus, auto-iris• Day and night Automatically removable infrared-cut filter• Minimum illumination<ul style="list-style-type: none">○ Color: 0.2 lux at 30 IRE F1.6○ B/W: 0.01-lux at 30 IRE F1.6○ Color: 0.25 lux at 50 IRE F1.6○ B/W: 0.02 lux at 50 IRE F1.6• Shutter time 1/66500 to 2 s• Pan/Tilt/Zoom Pan: 360° endless, 0.1°/s–350°/s Tilt: 180°, 0.1°/s–350°/s 30x optical zoom and 12x digital zoom, total 360x zoom, 256 preset positions, e-flip, limited guard tour, control queue, on-screen directional indicator, set new pan 0°, focus window, speed zoom, focus recall• Casing IP66-, IK10- and NEMA 4X-rated Metal casing (aluminum), clear dome (PC), repaintable skin cover• Sustainability PVC free• Memory 512 MB RAM, 256 MB Flash• Power : PoE+ midspan 1–port: 100–240 V AC IEEE 802.3at Type 2 Class 4 Camera consumption: typical 8 W, max 21 W Multi-connector cable: 20–28 V DC, typical 7 W, max 20 W 20–24 V AC, typical 12 VA, max 28• Connectors RJ45 for 10BASE-T/100BASE-TX PoE RJ45 Push-pull Connector (IP66) included I/O connector for DC or AC input, 4 configurable alarm inputs/outputs, mic in/line in, line out• Storage Support for SDHC UHS-I/SDXC UHS-I card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations• Operating conditions -30 °C to 55 °C (-22 °F to 131 °F) Humidity 10–100% RH (condensing)• Approvals : EMC EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 50121-4, IEC 62236-4, FCC Part 15 Subpart B Class A+B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR22 Class B, KCC KN22 Class B, KN35 EN 61000-3-2, EN 61000-3-3 Safety IEC/EN/UL 60950-1, IEC/EN/UL 60950-22 Environment IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC/EN 62262 IK10, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, ISO 4892-2 <p>Warranty 3-year warrant</p>	
22.	<p>JOYSTICK</p>  <ul style="list-style-type: none">• For Use with T8310 Control Board• Accurate Control of PTZ Functions	



التاريخ :

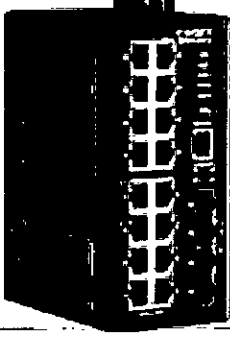
الرقم :

	<ul style="list-style-type: none"> • 3-Axis Joystick • 6 Application Defined Hotkeys <p>Warranty : 3-year warrant</p>	
23.	<p>Aviem Power 1kVA/0.9kW G2</p> <ul style="list-style-type: none"> • On-line topology. • Pure sine wave output. • Graphic LCD display. • Compact, slim design. • CE Compliant. • Output power factor 0.9. • Capacity: 1000VA/900W. • Input: <ul style="list-style-type: none"> - Voltage range 100~300VAC. - Power Factor ≥ 0.99(R FULL LOAD). - Input THDI 5%(typical) @100% linear load. - Input protection: Breaker. - Generator Set: 2.2 x UPS Rating Power. • Output: <ul style="list-style-type: none"> - Waveform: Pure sine wave. - Nominal Voltage: 220V/230V/240VAC. - Nominal Frequency: 50/60\pm0.05 Hz. - Voltage regulation: $\pm 2\%$. - Voltage distortion $< 1\%$ @ 100% linear load, $< 5\%$ @ 100% non-linear load. • Efficiency: $>88\%$. • Transfer time: INV\rightarrowBat 0ms. • Display Graphical: LCD. • Outlet: 4*IEC C14 • RS232: Yes. <ul style="list-style-type: none"> • Battery: <ul style="list-style-type: none"> - DC voltage: 24V. - Charging current: 1.5A. - Inner Battery Rating: 12V/9AH*2. • Dimension: 236*333*428. • Cabling and all needed infrastructure are not included in this offer. <p>Warranty: 3 years</p>	6
24.	<p>Switch 24ports POE : Juniper EX2300-24P 24-port 10/100/1000BASE-T PoE+, 4 x 1/10GbE SFP/SFP+ (optics sold separately) Total PoE+/PoE budget: 370Watt Packet-Switching Capacities (Max with 64-Byte Pkts): 128 Gbps L2/L3 Throughput (Mpps) (Max with 64 Byte Pkts): 95 Mpps Hardware queues per port: 8 Maximum MAC addresses in hardware: 16,000 Number of VLANs supported: 4090 Routing: should support RIP and static routing OSPF and VRRP: should be supported using license (not included, and sold separately) Warranty: Limited lifetime switch hardware warranty</p>	5
25.	<p>Industrial full Managed Ethernet Switch 16-port GbE + 4 SFP</p>	



التاريخ :

الرقم:

	Full L2 	
	Warranty: 3 years	
26.	التركيب ويشمل الكوابل والعزل وتحديد نقاط فايبر في المناطق التي تزيد المسافة فيها عن 100 متر كما يشمل التركيب خزائن كهربائية معزولة من المطر والعاومل الجويه	LS