

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

Information Technology Division

Ministry of Health

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Specification for Computer System

	Minimum Requirements
Processor	Intel: Core i5 10th Gen (6 Core - 12 Threads)
Processor Frequency	Intel: 3.1 GHz (4.5 GHz Max turbo)
RAM	16 GB DDR4 (8 x 2) Dual Channel
Memory Speed	2133 MHz
Storage	240 GB SSD
Video Output	Display Port, HDMI
Network	Gigabit Ethernet
Peripherals	Wired Optical Mouse & Keyboard (QWERTY with US layout)
Operating System	Windows 10 Pro (Genuine) 64 bit
Other Software	Microsoft Office 2019 pro Genuine
Warranty	1 Year with parts
Monitor	
Display Size	24"
Display Type	LED-backlit LCD monitor
Aspect Ratio	16:9
Connectivity	Display Port, HDMI
Resolution	1920 x 1080



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Specification for Network Switch

	Minimum Requirements
Ports	24 x 1G RJ45 Ports 2 x SFP ports
Power Over Ethernet	24W per port
Manageable	Yes
Features	Layer 2 switching, VLAN Support, IPv6 support, Rapid Spanning tree Protocol (RSTP) Support, Multiple Spanning tree protocol (MSTP) Support, DHCP snooping, Dynamic Trunking protocol (DTP) Support, Port Security
Forwarding Rate	60 Mpps
Flash Memory	128 MB
RAM	256 MB
Form Factor	1U Rackmount / Standalone
Warranty	3 Years basic hardware warranty



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دائرة تكنولوجية المعلومات
وزارة الصحة

Outdoor IP Varifocal Camera

Specification	
Camera Quality:	4 MP
Sensor:	1/2.5" Progress Scan CMOS
WDR:	120db
3-Axis Adjustments:	Pan: 0 to 355
	Tilt: 0 to 75
	Rotate: 0 to 360
Focal Length:	2.8
Focus:	Auto
Lens Type:	Motorized
Video Compression:	H.265/H.264

Prepared By:



Ali Abrar Rasheed
Computer Technician
9 October 2022



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دیسٹرکٹ ہیلتھ سروسز
گورنمنٹ آف سندھ
ہیلتھ سروسز

Indoor Dome IP Camera

Specification	
Camera Quality:	3 MP
Sensor:	1/3" CMOS/CCD
Night Vision:	Required
Physical Type:	Dome
DC Input:	DC 12V
InfraRed (IR) range:	30 meters
PoE capability:	802.3 af
DC Input:	DC 12V
Video Compression:	H.264 / MPEG4
Frame Rate:	Upto 30fps @ 1080p
Alarm Trigger:	Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception

Prepared By:



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Computer Technician
9 October 2022



