

1. FortiAuthenticator

- Quantity: 1

Minimum Requirements

<i>FAC-VM-Base</i>	<i>Base FortiAuthenticator-VM with 100 user license. Unlimited vCPU. Compatible with VMware and Microsoft Hyper-V platforms.</i>
<i>FAC-VM-10000-UG</i>	<i>Adds 10,000 users to FortiAuthenticator-VM</i>
<i>Support</i>	<i>8x5 FortiCare Contract</i>

2. UPS Powercabinet

- Quantity: 1

APC Symmetra LX 12kVA Scalable to 16kVA N+1 Rack-mount, 220/230/240V or Similar

Output power capacity	8.4 KWatts / 12.0 kVA
Max Configurable Power (Watts)	11.2 KWatts / 16.0 kVA
Nominal Output Voltage	230V
Communications Card	Required
Input/Output Wiring Tray	Required
Network Connectivity	Required
Power Modules	3 or 8kVA usable, 4kVA standby
Battery Modules	4
Initial setup, installation, assembly, configuration and training	Required
Maintenance and Support	2 year hardware and maintenance (including on-site support)



3. Camera (Bullet)

- Quantity: 10

	Brand
HARDWARE	
Sensor	1/4" CMOS/CCD
Effective Pixels	1600 x 1200
Night Vision	Required
Power input	PoE and DC
S/N Ratio	40dB
Electronic Shutter	Required
INTERFACES	
Lens	Optical and Interchangeable
Focal Length	3.6mm
H View Angle	50 degrees
RS485	PTZ capable
AUDIO VIDEO ENCODING	
Video Compression	H.264 / MPEG4
Main Stream Resolution	HD (720p)
DATA TRANSMISSION AND STORAGE	
Recording	Motion trigger, Alarm trigger, Schedule and Manual
Alarm Output	Required
Network Protocols	TCP/IP, FTP
GENERAL PARAMETERS	
Environmental Casing	Waterproof, Outdoor Use
NVR COMPATIBILITY	
Model	Dahua DHI-NVR724R-256



4. Photocopy Machine

- Quantity: 1 (Thindhoo Campus)

Minimum Requirements

<i>Maximum Paper size</i>	A3
<i>Minimum Paper size</i>	A5R
<i>Paper Supply</i>	2 Trays (550 Sheets)
<i>Bypass Tray</i>	Yes (100 Sheets A4, A3)
<i>Copying speed</i>	40 CPM (A4)
<i>Continuous Copy</i>	Up to 999 copies
<i>Average Monthly Volume</i>	40,000 copies
<i>Toner Capacity</i>	30,000 copies
<i>Input Materials</i>	Card, Paper, Envelopes
<i>Reproduction Ratio / Magnification</i>	Zoom: 25-400%
<i>Memory Size</i>	2 GB
<i>Hard Disk Size</i>	250 GB
<i>Scanning Speed</i>	40 SPM
<i>Scan File Formats</i>	JPEG, PDF, XPS
<i>Scanning Features</i>	Scan to File, USB
<i>Color Scanning</i>	Yes
<i>Print Resolution</i>	600 x 600 DPI / 256 Levels
<i>Warm-up Time</i>	30 Seconds or less
<i>Operating System</i>	Windows 7,10
<i>Duplexing Automatic Document Feeder</i>	Required
<i>Network Printing</i>	Required
<i>Print Speed</i>	40 PPM
<i>Connectivity</i>	Network ,USB
<i>Warranty</i>	2 Years Parts and Service

5. Square Blank FacePlate

- Quantity: 220 Pcs

6. 1 Gang Socket Box

- Quantity: 220 Pcs

7. Box Casing 1½ Inches

- Quantity: 750 Casing

