# IP CAMERA SYSTEM
## FAISALABAD INSTITUTE OF CARDIOLOGY, FAISALABAD.

| Sr. No. | Description | Brand | Qty |
|---|---|---|---|
| 1. | **32 Channel Network Video Recorder,** <br> **AI by Device :** Facial recognition, perimeter protection, motion detection 2.0, Face picture comparison, human face capture, face picture search <br> **Facial Detection and Analytics Performance:** <br> 4-ch human face capture (HD network camera, up to 2 MP, H.264/H.265) <br> **Incoming bandwidth: 256 Mbps,** <br> **Decoding Format:** H.265+/H.265/H.264+/H.264 <br> **Recording Resolution:** <br> 32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF <br> 32MP/24MP/12MP/8MP/7MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF, <br> **HDMI 1 & 2 Output :**4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz <br> **VGA output**1920 × 1080/60 Hz, 1600 × 1200/60 HZ, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 ×768/60 Hz, **Audio output:**1-ch, RCA (Linear, 1kΩ), <br> **Two-Way Audio 1-ch,** RCA (2.0 Vp-p, 1 KΩ) <br> **Stream Type:** Video, Video & Audio, Dual-Stream Recording Support, <br> **Serial Interface** 2 RS-485 (half-duplex), 1 RS-232 <br> **SATA Interface:** 4 SATA interfaces Up to 10 TB capacity for each disk <br> **Hard Disk:**2 HDDs 8TB Each, <br> **Network interface 2** RJ-45 10/100/1000 Mbps self-adaptive Ethernet. <br> **Supported USB Inter faces** Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 ,1 eSATA interface | USA, Japan, EU | 01 |
| 2. | **8 Channel Network Video Recorder,** <br> **Incoming bandwidth: 80 Mbps,** <br> **Decoding Format:** H.265+/H.265/H.264+/H.264 <br> **Recording Resolution:** <br> 8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/ 720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF, <br> **HDMI Output :**1-ch, 4K (4096 x 2160)/30 Hz, 4K (3840 x 2160)/30 Hz, 2K (2560 x 1440)/60 Hz, 1920 x 1080/60 Hz, 1600 x 1200/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz <br> **VGA output**1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, <br> **Audio output:**1-ch, RCA (Linear, 1kΩ), <br> **Two-Way Audio 1-ch,** RCA (2.0 Vp-p, 1 KΩ) **Stream Type:** Video, Video & Audio, <br> **SATA Interface:** 1 SATA interfaces Up to 8 TB capacity for each disk <br> **Hard Disk:**1 HDDs 8TB Each, <br> **Network interface**1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet. <br> **Supported USB Interfaces:** 2 × USB 2.0 | USA, Japan, EU | 01 |
| 3. | IR IP Camera, **4.0 megapixel high resolution**, **HD videooutput**, Low illumination, **IR range:** up to 30m <br> Wavelength 850 nm <br> True day / night, **Lens**2.8 mm, 4 mm, 6 mm <br> **Video compression:** H.265 / H.264 / MJPEG, Bit rate 32 Kbps ~ 8 Mbps, <br> **Max. Image Resolution:**2560 × 1440, Frame rate ( <br> 50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) <br> 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) ) <br> **Alarm trigger:** Motion detection, tampering alarm, network disconnect, IP address conflict, <br> **Security:** User Authentication, watermark, <br> **Communication interface:** 1 RJ45 10 M / 100 M Ethernet interface, <br> **Power supply:** 12 VDC ± 10% , PoE (802.3af), Weather proof rating IP66, IR range Approx. 20 ~ 30 meters | USA, Japan, EU | 26 |

| Sr. No. | Description | Brand | Qty |
|---|---|---|---|
| 4. | **TFT LED Monitor 32"** | USA, Japan, EU | 02 |
| 5. | Electric Cable minimum standard 3/29 (Loop System) | Local | A.P.A |
| 6. | Laying of Power and Network Cable | Rate/ft | A.P.A |
| 7. | PVC pipe | Adam Jee or Equivalent | A.P.A |
| 8. | Ducting | Adam Jee or Equivalent | A.P.A |
| 9. | Network cable (Cat-6) | USA, Japan, EU | A.P.A |
| 10. | **POE Network switch:** 8 × Gigabit PoE RJ45 port, and 2 × gigabit network RJ45 ports | USA, Japan, EU | A.P.A |
| 11. | **POE Network switch:** 8 × 100 Mbps PoE RJ45 port, and 2 × gigabit network RJ45 ports | USA, Japan, EU | A.P.A |
| | **Note:**<br>1- 18 Months Parts and Labor warranty for all components on site.<br>2- Financial Proposal will be considered as complete package of the proposed system instead of individual item | | |

**Medical Superintendent**
Faisalabad Institute of Cardiology,
Faisalabad.