



No.786-5/Sec/BISEP

Dated: 31/12/2019

To,

All Heads of BISEP Affiliated Schools / Colleges.

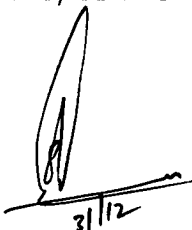
**SUBJECT: INSTALLATION OF GSM /GPRS WIRELESS IP-BASED CAMERAS WITH MIC/SPEAKER IN THE BOARD EXAMINATION HALLS**

Memo:

As you are aware that the board continuous to reform the examination system by introducing new tools and policies to ensure maximum transparency in the board exams. In this context, it has been decided that all the affiliated educational institutions will be required to install GSM /GPRS wireless IP-Bases cameras with Mic / Speaker for two-way live communication in their examination halls. The specifications of required cameras are attached.

All the heads of the affiliated institutes are hereby directed to ensure the installation of specified cameras in the Exam Hall(s) and communicate the required details for online connectivity with the board (IP address, password, etc) to this office by 15<sup>th</sup> February, 2020 positively. The failure to install the requisite cameras or its non-connectivity with the board may lead to cancellation of exam center(s) at that institution. The institutions can procure the specified IP-based cameras from any vender of their choice in the market. For the ease of the institutes list of some venders is given below:

1. Bio-IT SMS (Pvt) Ltd (Contact # 0333-9649012)
2. Hassan Key's Technology SMC (Pvt) Ltd (Contact# 0306-8551150)
3. M/S Noor Enterprises (Pvt) Ltd (Contact# 091-2247676, 0314-9120187)
4. Any other vender.

  
31/12  
**SECRETARY**

Copy for information to the:

1. PS to Secretary E&SE department, KP Peshawar.
2. PS to Chairman, BISE Peshawar.
3. PA to Controller, BISE Peshawar.
4. All Concerned.

**Centralized / Online Monitoring of Examination Centers via GPRS  
/GSM Based IP Cameras With Mic/Speakers for tow-way live  
communication.**

**(Turnkey solution)**

Hardware Specification
Hardware configure with the local server, cloud server through public and private IP.
Hardware uploads and saves data simultaneously in internal memory and server.
All video clips will have both audio and video in real time.
Omni mic for loud and clear recording and monitoring.
Speaker
Battery with 24 hour's backup.(Must)
16GB to 64GB SD card supported.(Must)
3G/4G SIM card module (for GPRS/Hotspot Wi-Fi Connection).(Must)
DC 5V.
I/O Alarm.
Audio input for Aux.(optional)
Network/Ethernet port.
ON/OFF Button
Reset button
Minimum 960x1080P / PTZ 360Degree / 10X Optical Zoom(Must)
Hardware run's in mobile application and PC software i:e CMS.
Hardware meets standards of ISO. (Protocols )
Products is approved from PTA.(optional)
Solar Panel (Must)