



مؤسسة تنظيم الصناعة الأمنية
SECURITY INDUSTRY REGULATORY AGENCY

• إطلاق دليل النظم الوقائية

• Launching the Preventive Systems Guideline •



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• رابطة المحترفين الأمنيين

• Association of Security Professionals

● التسجيل في منصة مؤسسة تنظيم الصناعة الأمنية (A28 S2 A)



• تطوير دورة حراس الأمن التأسيسية

- Development of the essential security Guards Course



• اشتراكات نظام سمارت جارد

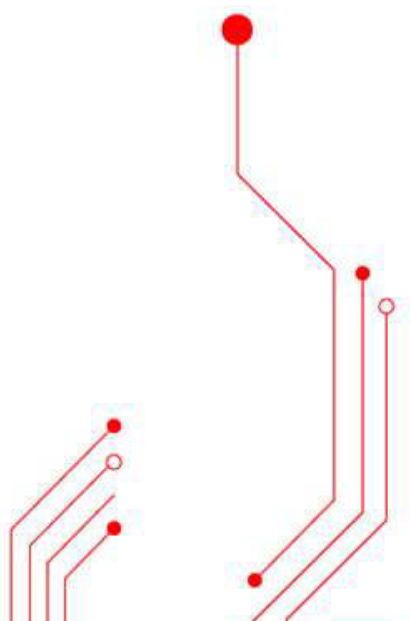
• Smart Guard memberships

زيارة مبنى المؤسسة ابتداء من اليوم ولمدة شهر 20/1/2019 – 20/2/2019



- Certificate of English Language

• شهادة إجادة اللغة الانجليزية





• اعتماد برنامج تدريبي إلكتروني لحراس الأمن

- Online training program for security guards

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Brief



- **VSS**
 - **General requirements**
 - **Camera.**
 - **Recording devices.**
 - **Display**
 - **Cabling**
 - **Network**
 - **Power**
 - **VMS**
 - **analog systems.**
 - **IP systems**
 - **Image operational requirements**
- **Intruder alarm systems**
- **Hostile vehicle mitigation**

VSS (video surveillance system)

General requirements

- **Camera:**
 - All WDR cameras must not be less than 110 dp.
 - Permit must be obtained from the agency for microphone equipped cameras .
- **Recording device :**
 - To be connected to video guard system.
 - Must be able to simultaneously to live view, record and playback.
 - Must be able to back up all the recordings for any period of time, for a single or multiple cameras and to converts them to standard playable format.
 - Maximum ratio to convert and transfer the recording to an external storage unit is 1\10 of the recording playback time.

VSS (video surveillance system)

General requirements

- **Recording device :**
 - Advanced scene search tools must be provided, either by combined search by date, time and group of cameras.
 - 20% extra storage is required .
 - Be able to connect to external storage units to increase storage capacity.
 - Variable bit rate to be enabled.
 - Must provide SDK (software development Kit)
 - Be able to identify and store on standard external storage units compatible with windows OS.
 - (analog HD) the device must support all types of analog HD technologies (HD-TVI, HD-CVI, AHD, HD- SDI)

VSS (video surveillance system)

General requirements

- Support the following functions:
 - Live view through RTSP
 - NTP
 - Recording stop and start notification
 - Live view through RTSP
 - NTP
 - HD error notification
 - HD full notification
 - Recording stop and start notification
 - Camera error notification
 - System life pulse

VSS (video surveillance system)

General requirements

- **Display :**
 - 1080P resolution.
 - the resolution must not be less than 2CIF for multiple views and fullHD for and single view.
 - Built for 24\7\356 operation not less than 3 years.
 - Specialized for VSS monitoring.
 - Must provide two 21” for every system operator in the control room.
 - Analog VSS:
 - PAL color
 - Signal to noise ration not less than 48dB.
 - Matching Display and camera aspect ratio.

VSS (video surveillance system)

General requirements

- Display :
 - Screen wall
 - 4mm screen wall thickness
 - Must be able to control the display pattern.
 - Display high priority cameras in the center of the wall and low priority on the sides of the wall in such, a group of views are shows every 10 second 6 times then the cycle starts again.

VSS (video surveillance system)

General requirements

- **cabling :**
 - All cables must be labeled and marked on both ends.
 - Cabling as built drawings must be up to date.
- **Network :**
 - The network addressing scheme must be in clusters and segments if more than 200 devices are connected .
- **Power :**
 - All UPS device must provide minimum of 30 minutes.
 - All recording device to be connected to UPS , unless is other specified in the Activity requirements.
 - UPS must be able to send a signal to recording devices to safely shutdown at 25% remaining power.

VSS (video surveillance system)

General requirements

- **VMS :**
 - Video management software to be provided :
 - Recording device 4 and above .
 - 64 cameras and above .
- **Analog :**
 - **Cameras :**
 - Color
 - Minimum fullHD 1080P
 - PAL
 - Signal to noise ration not less than 48dB.

VSS (video surveillance system)

General requirements

- **Analog :**
 - **Cabling:**
 - 75 ohms cables to be used.
 - 96% copper content.
 - Use of 75 ohms crimping type BNC connectors.
- **IP :**
 - **Camera:**
 - Color
 - FullHD 1080P
 - Variable bit rate
 - **Recording system :**
 - Extra cameras capacity of 20%.

VSS (video surveillance system)

Image operational requirements

- Field of view
- Standard target , 1.6 meters
- Pixel density : pixel per meter
 - This method to be used only after obtaining NOC from the agency.
- Inspection :
 - 400% @ 1000PPM
 - the eyes of the target is the center of the image.
 - Camera angle at 10 degrees vertically and horizontally.
 - WDR not less than 110 db

VSS (video surveillance system)

Image operational requirements

- **Identification :**
 - 120% @ 300PPM
 - Camera angle at 20 degrees vertically and 45degrees horizontally.
 - WDR not less than 110 db
- **Recognition**
 - 50% @ 125PPM
 - Camera angle at 45 degrees vertically and horizontally.

VSS (video surveillance system)

Image operational requirements

- **Observation:**
 - 25% @ 62.5 PPM
 - Camera angle at 45 degrees vertically and 5 horizontally.
- **Detetction:**
 - 10% @ 25 PPM
 - Camera angle at 75 degrees vertically and 5 horizontally.
- **Monitoring :**
 - 5% @ 12.5 PPM

VSS (video surveillance system)

Image operational requirements

- **NPR :**
 - 20% @ 400 PPM
 - Camera angle at 40 degrees vertically and 5 horizontally.
- **ANPR :**
 - Only approved system to be used.

Intruder alarm system



- All components must be Grade 3.
- Siren must be equipped with 6 hours battery backup.
- Each sensor to be configured and connected as one zone.
- All cabling must be thought proper conduits .
- 8 hours battery back for whole system.

Hostile vehicle mitigation



- **Pas68 : 2013 Impact test specifications for vehicle security barrier systems**
- **Pas69 : 2013 Guidance for the selection, installation and use of vehicle security barrier systems**
- **All HVM design to be approved by the Agency.**

Thank you

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