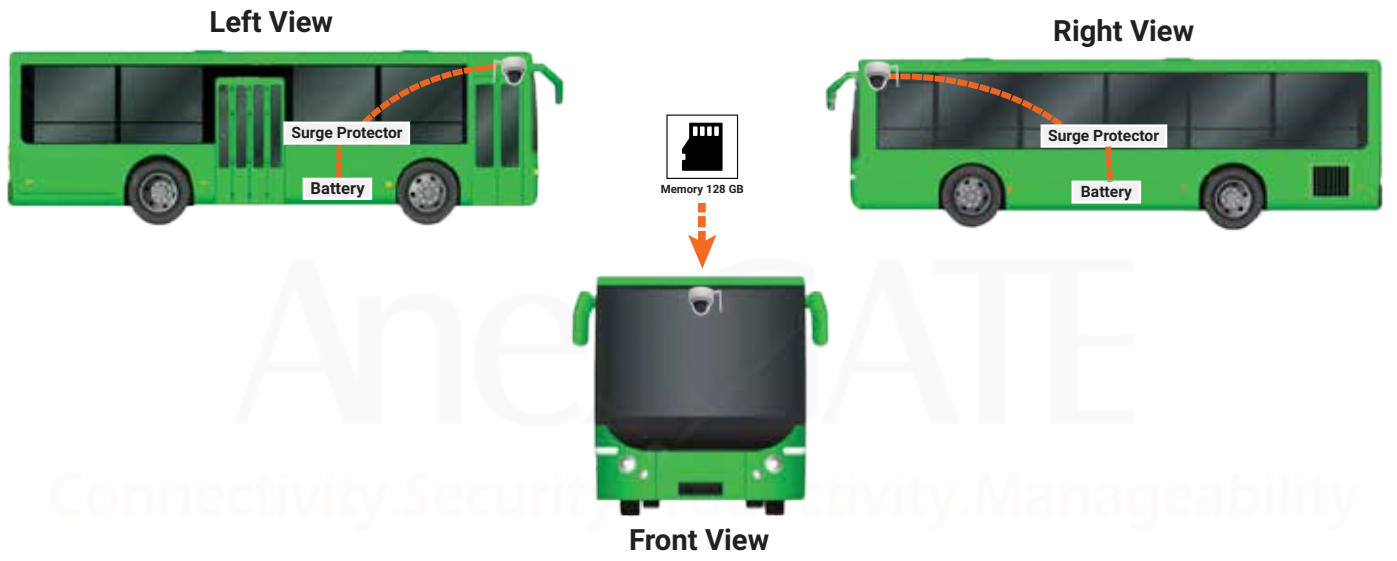
AnexGATE®

Connectivity.Security.Productivity.Manageability

Solution 1 : WIFI Camera with SD Card

Solution Diagram 1



As per the above Diagram, in the Solution 1 there will be One WIFI IP camera with 128GB SD card Inbuilt which is focusing towards the road.

The recording will start only after we provide the Power to the camera that means when the Bus Engine turned ON via Surge Protector which is connected to the Bus Battery the power will be given to the Camera and the recording will be started.

It is stand alone solution, below is the detailed Pros and Cons .

Advantage :

- No Additional Cabling should be done for the Camera
- It is WIFI camera we can view and Take the backup in a specific radius
- Easy to install (plug and play solution)
- Wide angle coverage and IR enabled (Night Vision)
- Vandal Proof camera

Advantage :

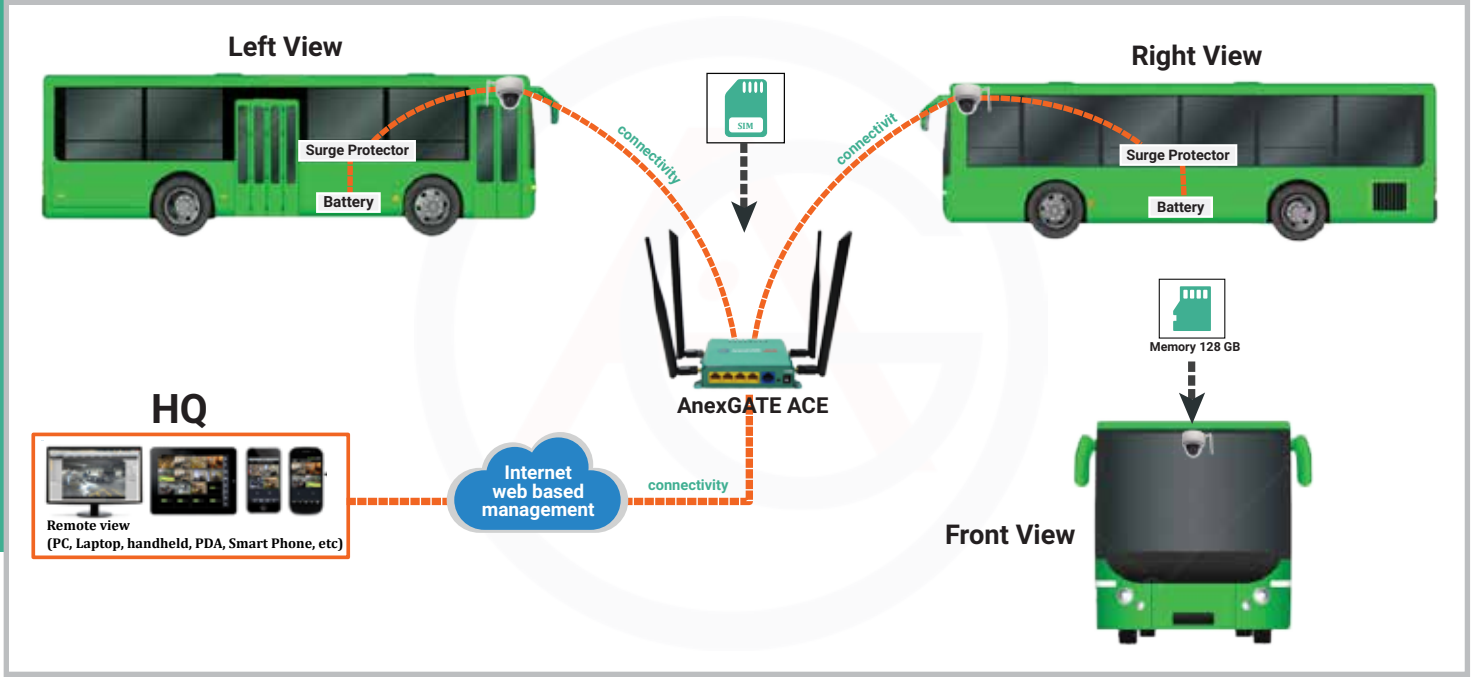
- Manual Back-up like SD card Plugging into PC and taking backup and Using Laptop
- Manually we need to check the cameraWorking status

Storage calculation

If the camera is ON Mode for 12 Hours then the storage will be 3,45GB per day.
For 30days recording we need 104 GB space ,which is available in the 128GB SD Card

Solution 2 : WIFI camera with SD Card and Secure Remote Monitoring

Solution Diagram 2



As per the above Diagram, Solution 2: there will be One WIFI IP DOME camera with 128GB SD card Inbuilt which is focusing towards the road and AnexGATE ACE Classic Pro for secure remote monitoring.

Our AnexGATE device is SIM Based device and we are able to provide Internet via SIM card.

We have specially designed a surge Protector only for the CCTV Surveillance.

Advantages of using AnexGATE ACE

- We are able to stream the camera remotely from the moving vehicle, doing this will help to monitor all the cameras which are installed in the vehicle and we can also do the help check up for all the cameras in the same time
- Using SECURE VPN Technology we can stream the camera to HQ
- We can view the old recorded files , download the backup video files etc
- No need of manual Backup process as mention in the solution 1

Disadvantage

Since there is no recorder is available in this solution , we can't get more than 30days of

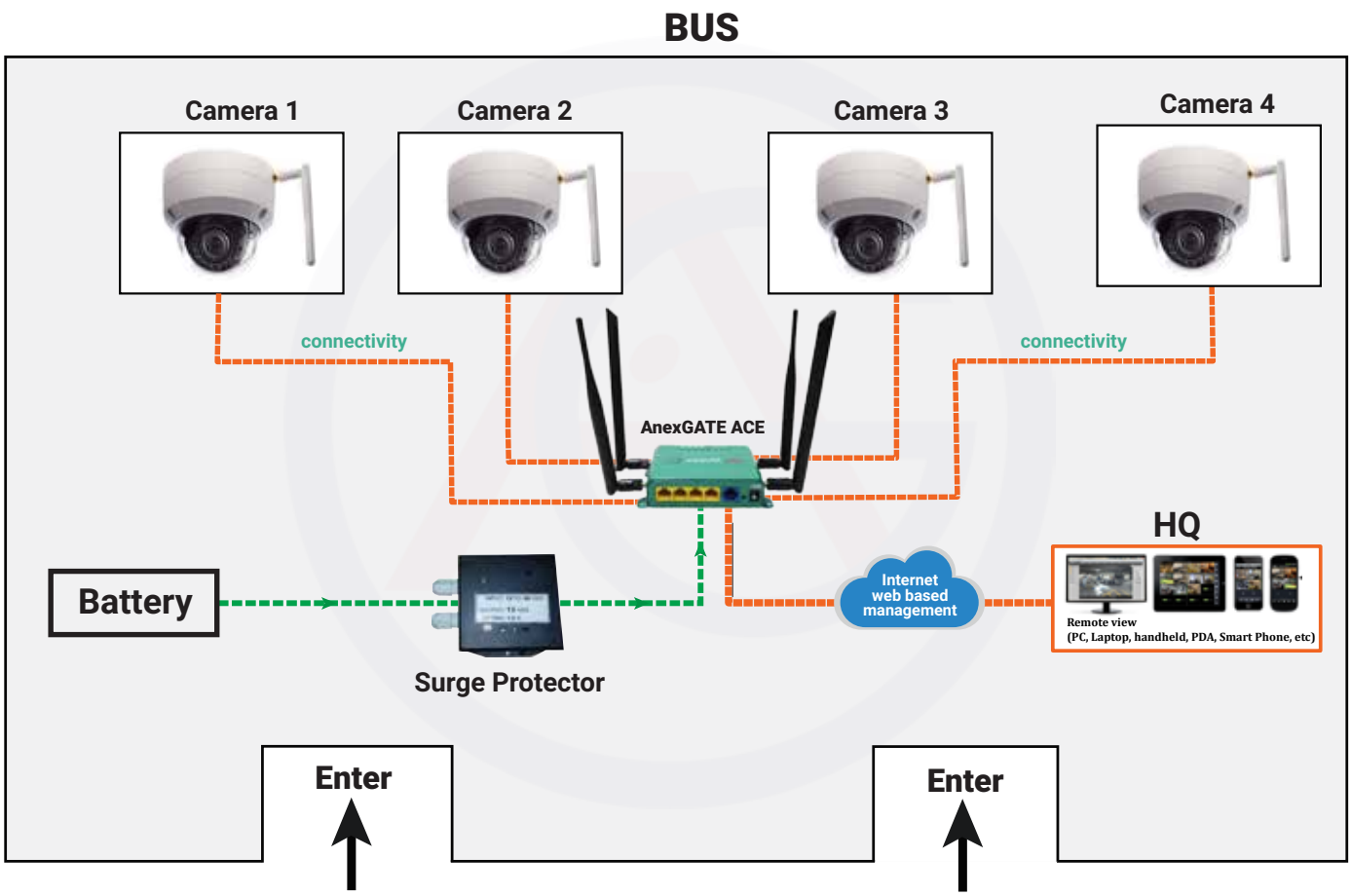
Storage calculation

If the camera is ON Mode for 12 Hours then the storage will be 3,45GB per day.

For 30days recording we need 104 GB space ,which is available in the 128GB SD Card

Solution 3 : WIFI Solution using AnexGATE ACE

Solution Diagram 3



As per the diagram, instead of installing one camera we can install 4 different cameras in the different angle,

- First camera – focusing towards the road
- Second camera – which focus both driver and first entry exit door
- Third camera – focusing second door as well as passengers.
- Fourth camera – focusing outside. for monitor behind the bus

Advantages of using AnexGATE ACE

- We are able to stream the camera remotely from the moving vehicle, doing this will help to monitor all the cameras which are installed in the vehicle and we can also do the help check up for all the cameras in the same time
- Using SECURE VPN Technology we can stream the camera to HQ
- We can view the old recorded files , download the backup video files etc
- No need of manual Backup process as mention in the solution 1
- Since all the camera are WIFI enabled, No need of additional Cabling for the camera.

Disadvantage

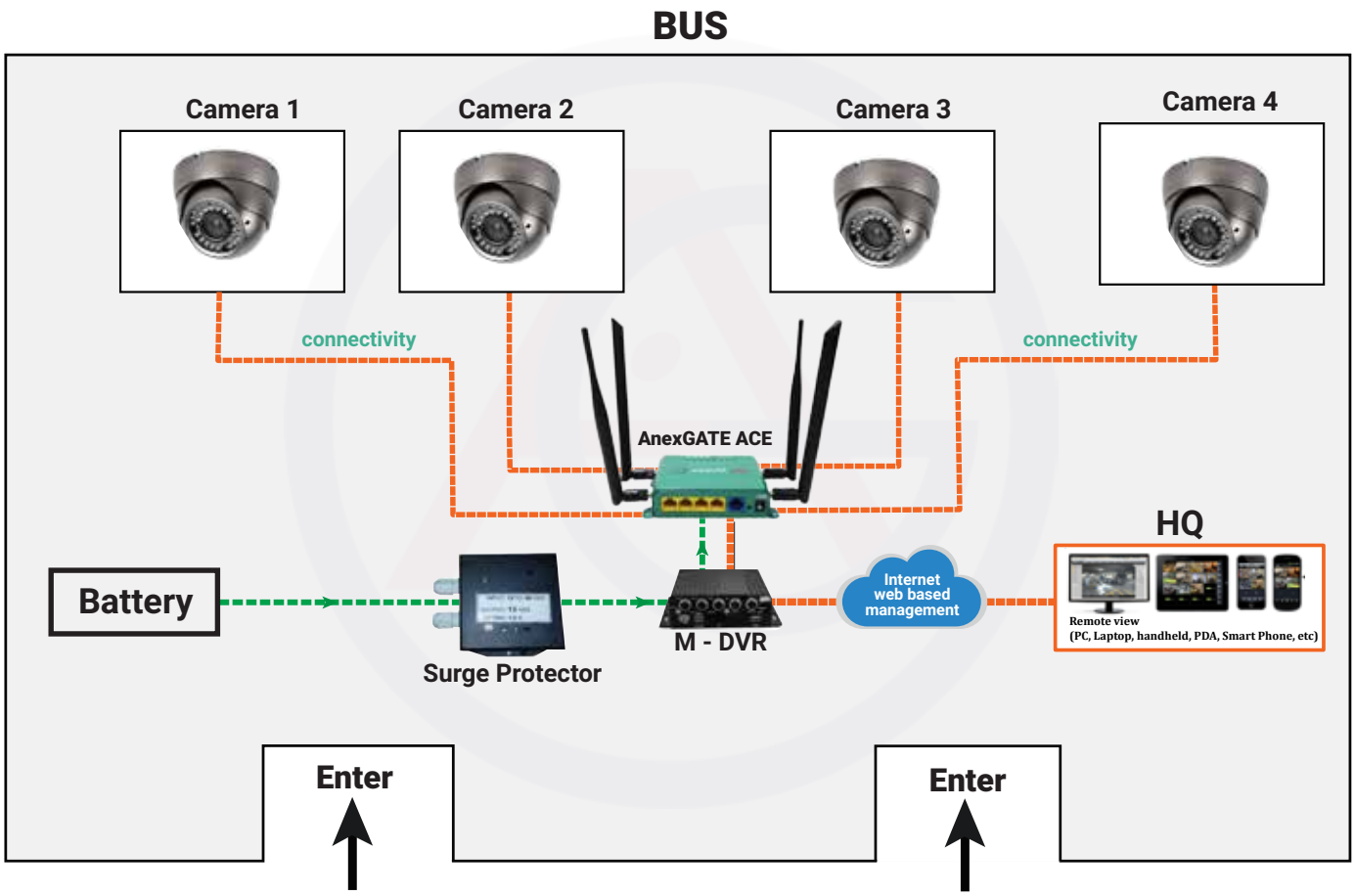
Since there is no recorder is available in this solution , we can get more than 30days of backup

Storage calculation for each camera

If the camera is ON Mode for 12 Hours then the storage will be 3,45GB per day.
For 30days recording we need 104 GB space, which is available in the 128GB SD Card

Solution 4 : MDVR Solution (Vehicle DVR)

Solution Diagram 4



MDVR is specially designed for the vehicles, because the moving vehicle will have lot of vibration and Frictions due to this other recorders and Hard Disk may get damaged soon.

- First camera – focusing towards the road
- Second camera – which focus both driver and first entry exit door
- Third camera – focusing second door as well as passengers.
- Fourth camera – focusing outside. for monitor behind the bus

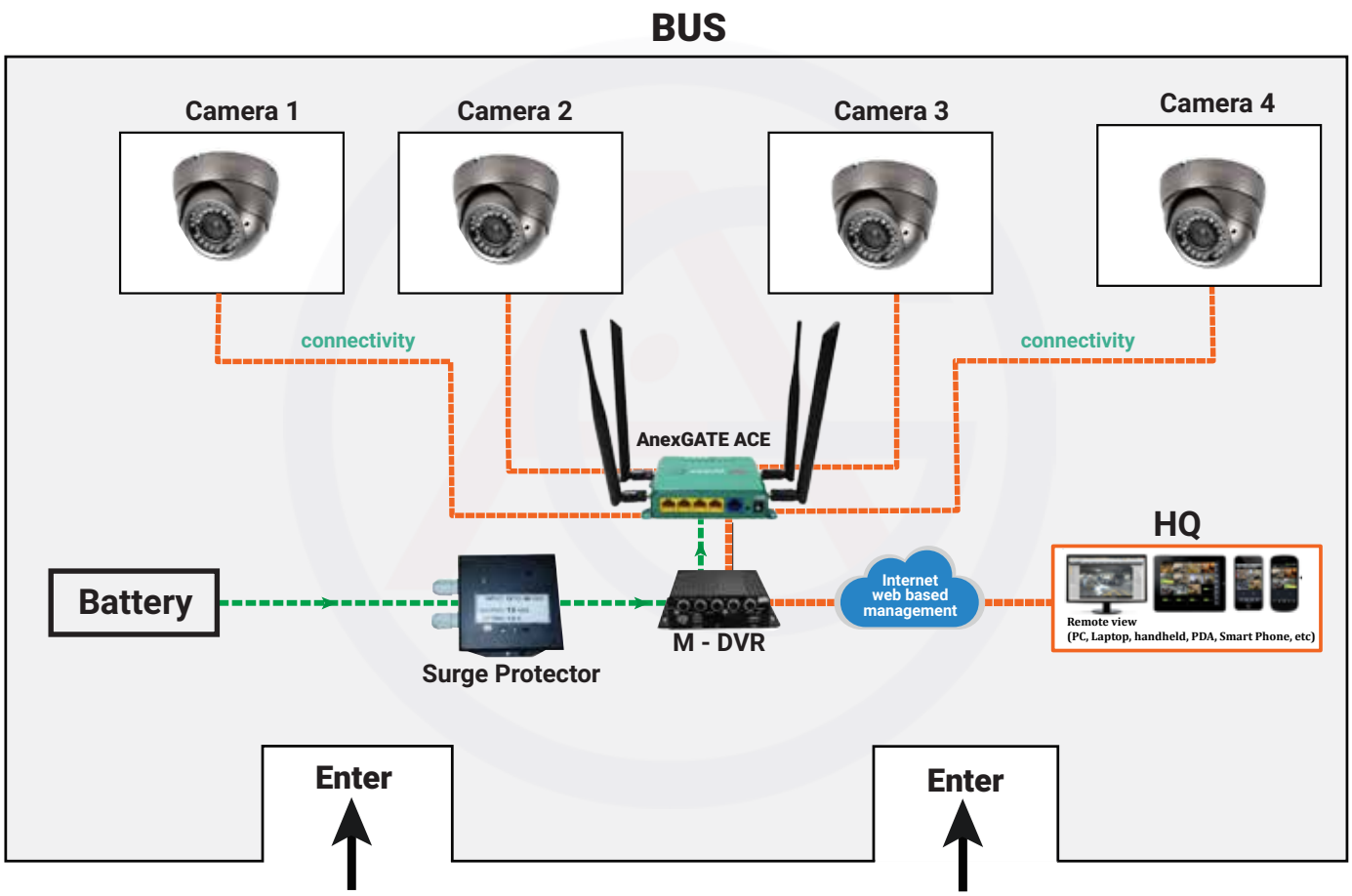
MDVR with SSD (Storage Device) is the best solution for this case.,

Advantages of using AnexGATE ACE

- We are able to stream the camera remotely from the moving vehicle, doing this will help to monitor all the cameras which are installed in the vehicle and we can also do the help check up for all the camer-as in the same time
- Using SECURE VPN Technology we can stream the camera to HQ
- we can view the old recorded files , download the backup video files etc
- No need of manual Backup process as mention in the solution 1
- All the cameras are directly connected to MDVR due to this in the HQ we can monitor all the 4 cameras in the single click.
- We can store more than 30 days backup depending on the storage size.
- More than 30days of recording
- Two way audio control for each individual buses

Solution 5 : MDVR Solution (Vehicle DVR)

Solution Diagram 4



Both Solution 4 and Solution 5 are the same, the only difference in the solution 5 are Video Analytics and Live Tracking of Bus (GPS)

- Driver Behavior (Smoking , Drunk and Sleeping etc)
- People Counting (Both entry and Exit)
- Fuel Tank tracking
- Malfunctioning of any hardware can be remotely notified via SMS and Email
- Online Health-check of all the device installed in the Bus