



MRI PATIENT OBSERVATION CAMERA

Model no FS/MRI/CA-0124



FRANK SHIELDS

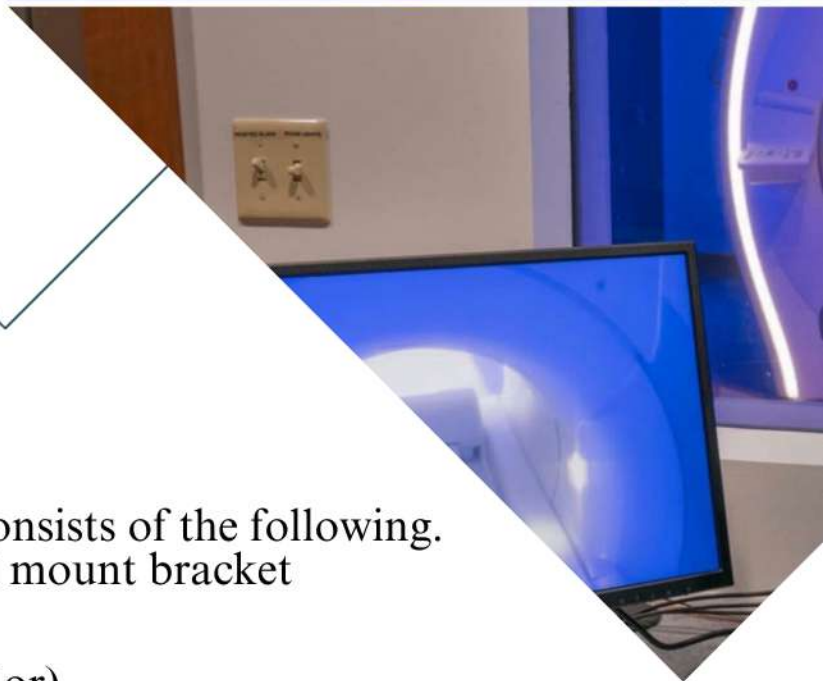
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Frank shields MRI compatible camera; designed to be installed inside the MRI room wall and works in the sensitive MRI area without creating any artifacts in the MRI images.

The view monitor is meant to be used in the console room for the operator to view the patient and not designed to be installed inside the MRI room.

The MRI compatible camera is made up of non-magnetic Material.



The MRI compatible camera consists of the following.
non-magnetic camera with wall mount bracket

- Viewing monitor min 10" (color)
- Interface panel for power and signal cable power supply module
- Signal cable - 2 sets power cable – 2 sets
- Interface panel pounting Screw

Parts:



Display monitor



Camera with lens



Camera holder



Interface panel



12V DC power adapter

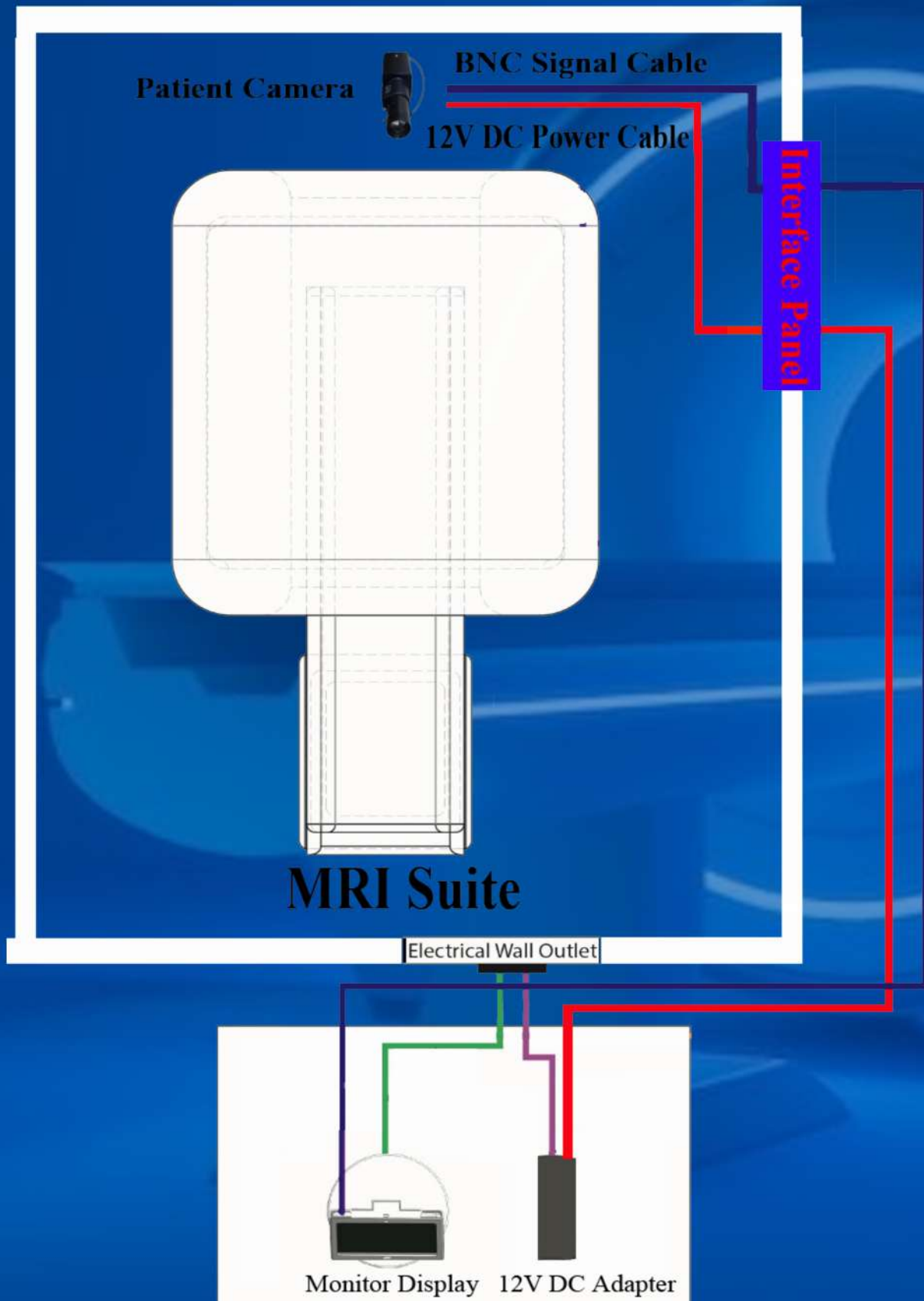


**Cable from camera to
Interface panel**

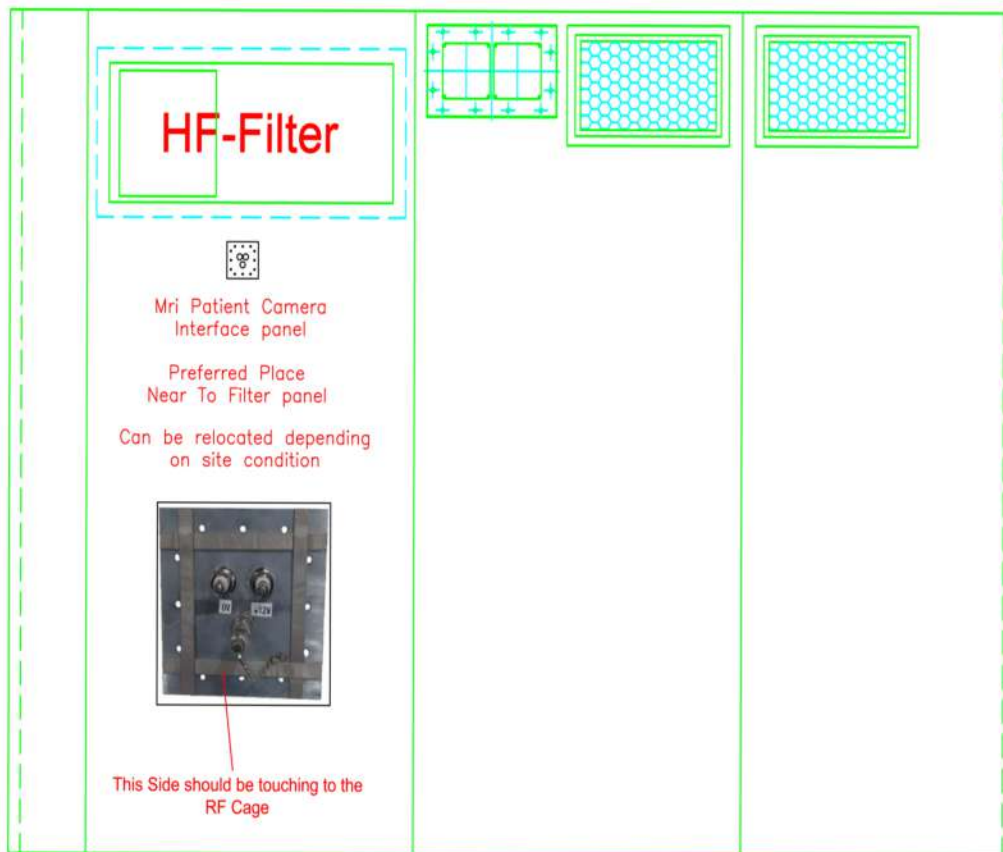


**Cable from interface panel to
display monitor**

Wiring diagram:



Installation Layout



1. Finalize the position for installing the interface panel in the technical room.
2. Make a hole of 56mm in the RF cage using metal holesaw Cutter.
3. Insert the interface panel in the hole & mark all 12 mounting holes.
4. Remove the interface panel and drill all 12 mounting holes (5mm hole size).
5. Install the interface panel using 12 allen nut and bolt.
6. Finalize the camera position and mount the camera holder.
7. Install the camera in the camera holder using 6mm allen screw
8. Route the cables from camera to interface panel and connect respectively.
9. Route the cables from interface panel to console room, connect the cables to display monitor & 12V power adapter.
10. Plug in the power cable for display monitor & 12V power Adapter.
11. Check the image & adjust the lens as required.



FRANK SHIELDS

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