



INTRODUCING -- iOptron CEM70/CEM40/GEM45-NUC

Need more versatility of an equatorial mount without cable tangling? Tired of connection error with some third party control interface? iOptron NUC-ready mounts are coming!

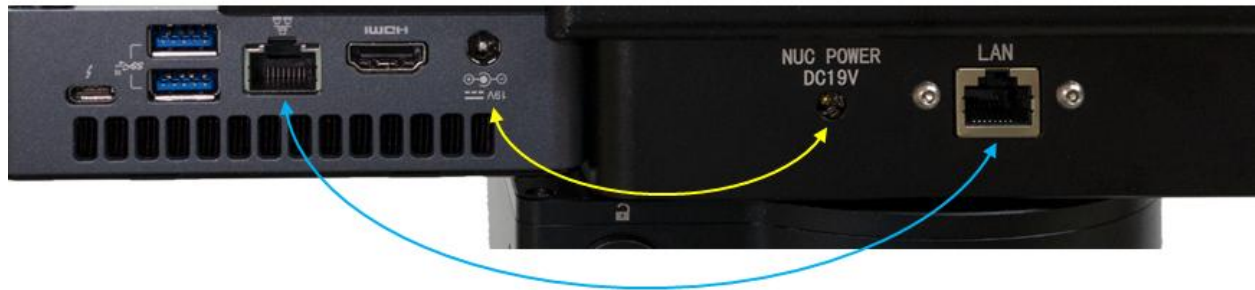
We are introducing CEM70/CEM40/GEM45-NUC series equatorial mounts that are ready to mate with Intel® NUC minicomputer (thickness≤38mm) at the front of dovetail saddle seamlessly with the cable management system.

All mounts come with iPolar and hard case. There is **no internal iGuider**, but external iGuider optional. Intel® NUC minicomputer is not included.

The available mounts are:

- | | |
|-----------|--|
| #C70AN | CEM70-NUC mount head with hard case and counterweight |
| #C704AN0 | CEM70EC-NUC mount head with hard case and counterweight |
| #C402AN3 | CEM40-NUC mount head with counterweight, hard case, LiteRoc tripod |
| #C404AN3 | CEM40EC-NUC mount head with counterweight, hard case, LiteRoc tripod |
| #7603AN | GEM45-NUC mount head with counterweight, hard case, LiteRoc tripod |
| #7603ECAM | GEM45EC-NUC mount head with counterweight, hard case, LiteRoc tripod |

1. Cable/Port Connections on Dovetail Saddle



NUC POWER DC19V: NUC power output, to power the NUC minicomputer through the mount cable management system (Yellow line)

LAN: Ethernet ports (blue line)



CEM40/GEM45



CEM70

DC OUTx3: DC outlets, total current 5A, 2.1/5.5 mm plug, powered by cable management input

GUIDE: Guiding port, support ST-4 guiding device/camera

iPort: iOptron port for accessories. (CEM40/GEM45 is located on main board)



DC12V OUT: Power outlets from the mount power, up to 3A

USB2.0: USB2.0 Hub for other USB devices

USB IN: USB port to connect the USB port on NUC (red line)

2. Input Panel



CEM40/GEM45



CEM70

NUC DC19V: NUC Power input. Connect the AC adapter come with NUC, 19V.

Warning! Never plug the NUC AC adapter to any other power socket, or electronic damage may occur with the high voltage !

DC12V INPUT 5525: Optional 12V power input, 2.5mm/5.5mm, for the 3X power outlets on the dovetail saddle. Total current 5A

LAN: Ethernet input port

DC12V POWER: Mount power input, 2.5mm/5.5mm. Power the mount as well as the 2X power outlet on the dovetail saddle next to the USB hub.

O / I (CEM40/GEM45), or ON/OFF (CEM70): Power switch of the mount.

3. NUC Mounting Board

NUC mounting screws: M3X10mm

