

June 17, 2025

### Iowa Real Time Network – RTK Product List

URL - <https://iartnrnk.iowadot.gov/rtk>

IP Address - 165.206.203.10

NTRIP - Client Connection Information

| RTK Product Name   | RTK Product Type | Message Type                      | Port  | Mount Point | Solution Type   | Constellations  |
|--------------------|------------------|-----------------------------------|-------|-------------|-----------------|-----------------|
| CMR+ iMAX          | Automatic cell   | iMAX CMR+                         | 10000 | CMRP_IMAX   | Network         | GPS             |
| CMR+ Nearest       | Nearest site     | CMR+                              | 10000 | CMRP_NEAR   | Single baseline | GPS             |
| RTCM 3.1 MAX       | Automatic cell   | MAX RTCM 3.x (Extended,1015,1016) | 10000 | RTCM3_MAX   | Network         | GPS/GLO         |
| RTCM 3.1 iMAX      | Automatic cell   | iMAX RTCM 3.x (Extended)          | 10000 | RTCM3_IMAX  | Network         | GPS/GLO         |
| RTCM 3.1 Nearest   | Nearest site     | RTCM 3.x (Extended)               | 10000 | RTCM3_NEAR  | Single baseline | GPS/GLO         |
| RTCM 3.2 MSM4 iMAX | Automatic cell   | iMAX RTCM 3.x (MSM4)              | 10000 | MSM_IMAX    | Network         | GPS/GLO/GAL/BDS |

#### NOTES:

1. The mount points are case sensitive.
2. Constellations – GPS (USA), GLO (Russia), GAL (European Union), and BDS (China)
3. The GPS L5 signal is only available in the RTCM3.2 MSM\_IMAX product.

If you have any questions, please let me know.

Dan Messerich, PLS  
Iowa Real Time Network Administrator