

MDP 3.0 - Binary Packet Header

For MDP 3.0 messaging, a standard technical header is included in all packets sent on Real-Time Feed, Snapshot, and Instrument Recovery Feeds.

Name	Binary Type (Size)	Number of Bytes	Req	Description
MsgSeq Num	uint32	4	Y	Packet sequence number. A unique sequence number given to each packet sent. Each channel will have its own separate set of sequence numbers that will increment sequentially with each packet and reset weekly.
Sending Time	uint64	8	Y	UTC Time of message transmission by the Gateway. UTC Timestamps are sent in number of nanoseconds since Unix epoch synced to a master clock to microsecond accuracy.