

UA Fields	Actual Size (byte)	Proposed Optimized Size	Remarks
Message Type	3	3 bit	6 type of message and can be uniquely represented by 3 bit
Chunk Type	1	Excluded	Handled by Gateway
Message Size	4	5 bit	Message size is always less than 31 bytes
SecureChannelId	4	Excluded	Handled by Gateway
Security Token Id	4	Excluded	Handled by Gateway
Security Sequence Number	4	Excluded	Handled by Gateway
Security RequestId	4	Excluded	Handled by Gateway
Message : Encodeable object			
TypeId : ExpandedNodeId			
Encoding Byte	1	Excluded	Always Numeric
Namespace	1	1 byte	No change
Identifier	2	1 byte	Supports only up to 255 nodes and services
ReadResponse			
ResponseHeader : ResponseHeader			
Timestamp	8	Excluded	Will be added in the gateway. Difference of just 6ms
RequestHandle	4	2 bit	Reserved for multiple reads
ServiceResult	4	1 bit	Only says if the result is good or bad
ServiceDiagnostics : DiagnosticInfo			
EncodingMask	1	1 bit	Tells if the diagnostic info is available or not
StringTable[]	4	4 bit	Vendor specific diagnostic information
AdditionalHeader : ExtensionObject			
TypeId : ExpandedNodeId			
Encoding	1	Excluded	Not used. Reserved for future use.
Identifier	1	Excluded	Not used. Reserved for future use.
EncodingMask	1	Excluded	Not used. Reserved for future use.
<b>Total</b>	<b>52 bytes</b>	<b>4 bytes</b>	
ArraySize	4	Excluded	Array size will be fixed to 2 (NodeId and the actual value).
[0]:DateValue [15]:DataValue	Depend on read data	Max. data size of 10 bytes	The data headers take 3 bytes leaving maximum payload size of 7 bytes. Please refer to Table 3 for details.
Array of DiagnosticInfos			
ArraySize	4	Excluded	Handled by Gateway