

1.4 Frame Format

1.4.1 Frame Type

1- The Control File in Frame is containing three parts

A- **Frame Type** have a 2Bit { Control Frames , Management Frame , Data Frame }

B- **Frame Sub Type** have 2 Bit { dependent of the Frame Type }

C- **Frame Version** have 2Bit { Upgrade system }

Frame Type is 00	Control Frames
Frame Sub Type is 00	ACK Frame
Frame Sub Type is 01	FREE Frame
Frame Sub Type is 02	NACK Frame
Frame Sub Type is 03	BLOCK Frame

Frame Type is 01	Data Frames
Frame Sub Type is 00	Response Frame
Frame Sub Type is 01	Request Frame
Frame Sub Type is 02	No-Used
Frame Sub Type is 03	No-Used

Frame Type is 02	Management Frames
Frame Sub Type is 00	Start Assignment Address Frame
Frame Sub Type is 01	Assignment Address Frame
Frame Sub Type is 02	Transmit Serial Frame
Frame Sub Type is 03	Get Serial Frame

2- Control Frame Format

Control -Filed	DA	SA	CRC
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DA = 0xFF the all station does action of frame

3- Data Frame

Control -Filed	DA	SA	Length	Data	CRC
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DA = 0xFF the all station does action of frame

4- Management Frames Format (inform all station begin start send a serial)

A- Start Assignment Address

<i>Control -Filed</i>	<i>0xFF</i>	<i>CRC</i>
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B - Assignment address (inform all station is not assigned address is begin start send a serial)

<i>Control -Filed</i>	<i>0xFF</i>	<i>CRC</i>
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C – Transmit serial Frame

<i>Control -Filed</i>	<i>DA</i>	<i>SA</i>	<i>Serial number</i>	<i>CRC</i>
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D- Get Serial Frame

<i>Control -Filed</i>	<i>DA</i>	<i>SA</i>	<i>CRC</i>
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DA = 0xFF the all station send a serial