aggle transmission p												
Coresense packe	et protocol ver1 (one	way communication)										+
					subpackets) CRC postscript							
0xAA	-	0x00 (protocol ver1)	 	+	256 bytes	crc	0x55					
Coresense packet protocol ver2 (two ways communication)								1		Function Type		_
preamble	data type 4 bits		data length End of Seq		squence#	data (subpackets)		CRC		initSensor	0x01	
0xAA	0x00 - 0x0F << 4	0x02 (protocol ver2)	2) 0x00 - 0xFF		0x00 - 0x7F	varies, <= 255 b	oytes	crc	0x55	configureSenso	+	
										enableSensor	0x03	Cor
										disableSensor	0x04	
										readSensor	0x05	
										writeSensor	0x06	
										initBus	0x11	4
								data type	adpot last 4 bits	configureBus	0x12	_
Coresense subpacket protocol ver1 (one way communication)						plugin> FW	request	0x00	enableBus	0x13	Bus	
sensor id	validity 1 bits		data				FW> plugin	sensor reading		disableBus	0x14	_
varies	0 or 1 of 1st bit	0x00 - 0x7F	varies, <= 128 b	ytes			FW> plugin	bus reading	0x02	readBus	0x15	_
										writeBus	0x16	\perp
Coresense subpa	Coresense subpacket protocol ver2, from plugin TO FW							acknowledge	???????????			
call function	acknowledge 1 bit	param length 7 bits parameters (1st byte is sensor id)					need ack	0x00				
0x00 - 0xFF	0x00 or 0x01	0x00 - 0x7F	varies, <= 16 by	tes				read sensor	0x01			
	acket protocol ver2,		T									
sensor id	validity 1 bits data length 7 bits data											
varies	0 or 1 of 1st bit	0x00 - 0x7F	varies, <= 128 bytes									
For alpha and Chem configuration												
	0x31 alpha config	0x16 chem config										
Start sending	Start statement	Start statement										
data	256 bytes	1514 bytes										
End sending	End statement	End statement										