

ALLEGATO C

Image Transfer of Image Block – Unicast Addressing

Section	Name	Length – bytes	Value – hex (decimal)	Note
wM-Bus Frame	Preamble+Frame Sync	4	5555 F672	
wM-Bus Frame	L	1		
	C	1	43	SND-UD2
	Manufacturer ID	2		Little-endian
	Address	4		Little-endian
	Version	1		
	Device Type	1		
	CI	1	60	Long Transport
	ID Destination	4		Big-endian Destination Meter
	Manufacturer ID	2		Big-endian Destination meter
	Version	1	FF	Fixed to 0xFF for wildcard to version
	Device Type	1	3	Device type of target Meters 03 for Gas meter
	Access Number (ACC)	1		
	Status (STS)	1		
	Config Word (CW)	2		Big-endian
DLMS Wrapper	Source SAP	1	20 (32)	Broadcast Client
	Destination SAP	1	1	Management
DLMS Security	Security Tag	1	DB (219)	General-glo-ciphering
	System Title	1	0	Length of null, no title included
	Length	2	81DF (223)	Length is 2 bytes since length > 127
	SC	1	30	Encryption/authentication/ID=0
	FC	4		
DLMS App	ACTION Request	1	C3 (195)	
	Action-request-normal	1	1	
	Priority-Invoke ID	1	0	Low priority, un-confirmed, ID = 0
DLMS Payload	COSEM-class-id	2	00 12 (18)	Image Transfer Class
	COSEM-object-instance-id	6	00 00 2C 00 00 FF	0.0.44.0.0.255
	COSEM-object-method-id	1	2	2 – image_block_transfer
	Method-invocation-parameters	1	1	OPTIONAL flag of TRUE
	Image_block_transfer type	1	2	Structure
	Image_block_tranfer # of elem	1	2	2 elements in the structure
	Image_block_number type	1	6	Double-long-unsigned
	image_block_number value	4	00 00 00 01	Starts at block #1
	image_block_value type	1	9	Octet-string for block values
	image_block_value length	2	81B7 (183)	Octet-string length (183 total)
	Image_block_value value 1 st part	71		
wM-Bus Frame	CRC-16	2		Sits at bytes 126, 127 after the wM-Bus L field
	Image_block_value value 2 nd part	112		
DLMS Security	GMAC Tag	12		Full DLMS GMAC tag
wM-Bus Frame	CRC-16	2		
	Total Bytes	260		