

Barionet Setup Record, Software Version 1.60

Byte 0..3 IP address
Byte 4..5 ID , 0xba 0x01 - used to identify product/setup version
Byte 6 Netmask
Byte 7 reserved
Byte 8..9 web server port (default 0 – web server on port 80)
Byte 10..11 security lockdown bits (to disable certain protocols/facilities)
Byte 12..15 Gateway

Byte 16: Baudrate Chan 1
Values 4=19200,8=9600,16=4800,32=2400,64=1200,128=600
Byte 17: Interface Chan 1
Bit 7: set for 2 stopbit, Bit 6: set for parity, Bit 5: set for odd
Word 18,19: local port number for chan1 (rs232)
Word 20,21: destination port number for chan1 (rs232)
Byte 22..25 destination IP for chan1, if automatic connection, 0.0.0.0 otherwise
Byte 26..31

Byte 32: Baudrate Chan 2
Byte 33: Interface Chan 2
Word 34,35: local port number for chan2 (rs485)
Word 36,37: destination port number for chan2 (rs485)
Byte 38..41: destination IP for chan1, if automatic connection, 0.0.0.0 otherwise
Byte 42..47

Byte 48..51 Trap receiver address
Byte 52..55 UDP info receiver address
Byte 56..57 UDP listener
Byte 58..59 UDP destination port
Byte 60..61 UDP interval
Byte 62..63 TCP command port

Byte 64: pullup configuration (1=set for input)
Byte 65: trap generation per input (1=send trap)
Byte 66: polarity per input (0: “active” for contact closure, i.e. closed=1)
1: “real input”, i.e. one for high input
Byte 67: Analog values y/n per bit, 1 if analog values in timed message (no traps etc)

Byte 68..69: Trap retransmit time in seconds, 0 to disable function
Byte 70: PIC Configuration (bit 0=0: onewire, bit 0=1: wiegand)
Byte 71: Reserved

Byte 72..75: KABA Version: Host IP address
Byte 76: KABA Version: BSID (Byte)
Byte 77: KABA Version: Status
Bit 0: send time with seconds (0 for sending without seconds)
Bit 1..7 reserved.
Byte 78..79: reserved

Byte 80..83: Syslog IP Address
Byte 84..87: NTP IP Address
Byte 88..91: DNS IP Address
Byte 92: Syslog debug level
Byte 93: Debug mode/flags
Byte 94: timezone (signed, +-24) in 30 mins interval
Byte 95: summer/winter time rule flags (not yet implemented)