ADView 2 Error Codes

NIBP

Code	Description
0	Everything fine
1	Weak or no oscillometric signal
2	Artifact/erratic oscillometric signal
3	Out-of-range value (incl. SYS, DIA, MAP and HR)
4	Exceeded measurement time limit
85	Pneumatic blockage
86	Measurement terminated by user
87	Inflate timeout, air leak or loose cuff
88	Safety timeout
89	Cuff overpressure
90	Power supply out of range or other hardware problem
91	Permission problem such as safety link fitted or autozero out of range
97	Transducer out of range
98	ADC out of range
99	EEPROM calibration data failure
100	Data could not be send with registered fn
101	Any error in protocol
102	Message with wrong checksum received
103	Any error during communication with module
104	Error in state machine (e.g., wrong signal)
105	Module was busy too often
106	No answer received within timeout too often
107	Unknown error
108-119	Reserved - NIBP

SpO2

Code	Description
120	Unknown error
121	Checksum error, can only occur when filling in bytes from device
122	The filled in data had start/stop flags but is too small to be a message
123	The buffer is to small to hold the message
124	There is no process function pointer
125	There is no write function pointer
126	Can only occur when constructing outgoing messages, some unsent bytes are still present
127	RAM error
128	Another RAM error
129	Code segment CRC check failed
130	eeprom error, parameters set to default values
131	Code number faulty

132	Serial interface error
133	Ox-sensor: red LED defective
134	Ox-sensor: infraded LED defective
135	Ox-sensor: photodiode defective
136	Ox-sensor: error can't be determined specifically
137	Stack overflow, run-time error, ChipOx restarts
138	Watchdog reset (ChipOx restarted due to run-time error)
139	SpO2 hardware was reset during use
140	Unknown data id sent by ChipOx
141	Unknown id sent by ChipOx
142	Incorrect parameter sent by ChipOx
143	Protocolerror sent by ChipOx
144	Unknown ID received in comm protocol stack
145	Unknown data ID received in comm protocol stack
146	Received parameter has wrong length
147	Realtime package parameter size is unknown
148	Weird rtconfig given, received data does not match
149	Communication timed out
150	SpO2 module was changed during use
151	SpO2 sensor was unplugged
152	SpO2 Sensor defective
153	Wrong sensor connected
154	Vital parameter data outside of range
155	Power supply outside of tolerance
156	Operating temperature out of tolerance
157	SpO2 module was re-initialized during use
158	Demo mode activated on Masimo module
159	Masimo MCU: ROM checksum test failure
160	Masimo MCU: Internal RAM test failed
161	Masimo MCU: Watchdog Failure
162	Masimo MCU: DSP watchdog failure
163	Masimo MCU: Invalid DSP ROM flash key
164	Masimo MCU: Invalid DSP command
165	Masimo MCU: Invalid watchdog count received from DSP
166	Masimo MCU: External oscillator fault
167	Masimo MCU: SCI (UART) transmit queue full
168	Masimo MCU: SCI (UART) receive queue full
169	Masimo MCU: SPI transmit queue full
170	Masimo MCU: SPI receive queue full
171	Masimo SCI ISR receiver wasn't serviced in time
172	Masimo SPI ISR receiver wasn't serviced in time
173	Masimo SPI receive packet checksum invalid
174	Masimo DSP ack'd "programming" mode but we're not in it
175	Masimo DSP ack'd "standard boot" mode but we're not in it
176	Masimo tried to remove a task that doesn't exist
177	Masimo expected data in queue wasn't there
178	Masimo MCU: Timer test failed
179	Masimo DSP: Checksum failure
180	Masimo DSP: Program memory test failure
181	Masimo DSP: Data memory test failure
182	Masimo DSP: Detector ADC interrupt test failure
183	Masimo DSP: MCU interrupt failure
184	Masimo DSP: Diag queue overrun

185	Masimo DSP: Hardware status failure
186	Masimo DSP: Raw queue overrun
187	Masimo DSP: MCU watchdog failure
188	Masimo DSP: Invalid MC state
189	Masimo DSP: Invalid board type
190	Masimo DSP: Database failure
191	Masimo Diagnostic failure
192	Masimo unknown error
159-199	Reserved - SPO2

Power

Code	Description
200	No error
201	Error reading info from sysfs
202	Error during communication with battery
203	Battery capacity is low
204	Battery capacity is too high (implausible)
205	Battery temp is below specified range
206	Battery temp is above specified range
207	Battery voltage is below specified range
208	Battery voltage is above specified range
209	Battery detection pin error (no battery but communication running)
210	Battery is being discharged although AC present and cap < 100
211	Battery is being charged although no AC present
212	3V3 powergood signal is missing
213	5V powergood signal is missing
214	Unplausible state (No AC/Battery detected)
215	Battery capacity is below threshold + no AC is present
216-219	Reserved - Power/Battery
220-299	Reserved - Unspecified

System

Code	Description
300	Systemd has hit the restart limit for a daemon
301	The RTC selftest failed
302	The DBus ping from halo2d timed out
303-339	Reserved - System / Daemon
340	SqlError
340	Storage errors:
341	OrmError
342	DatabaseError
343	IntegrityError
344	UnknownError
345-379	Reserved - Linux System

Printer

Code	Description
380	No error
381	The printer door is open
382	Printer is out of paper
383	Temperature of printhead too high

384	Temperature of printhead too low
385	Voltage of printhead too high
386	Voltage of printhead too low
387	Command error
388	Communications error with the printer
389	Printer fault detected
390	Printer is in an exceptional state
391-399	Printer Error

Temperature

Code	Description
500	Everything fine
501	Error in protocol, checksum, etc.
502	Module has not responded in time
503	User aborted measurement (e.g., by putting probe in)
504	The temperature module was removed / plugged while the system was running
505	The measured temperarature is above the measurement range (HI)
506	The measured temperarature is below the measurement range (LO)
507	Probe read error (probe not present)
510	Could not read patient temperature at reset or in direct mode
511	Could not read heater temperature at reset or in direct mode
512	Could not read patient temperature in a prediction mode
513	Could not read heater temperature in a prediction mode
514	Probe preheat failure in prediction mode
517	Sensor removed from FILAC module during measurement
520	Could not sync the patient with the heater ADC
521	Could not auto-calibrate the patient ADC channel
522	Could not auto-calibrate the heater ADC channel
523	Watchdog timer error (typically due to poor reset)
524	Overheated probe
525	LCD communications failure (not applicable for OEM)
526	Power off error
530	The device temperature is outside the operating temperature (16-40 degree celcius)
530	Group for errors of the HuBDIC temperature module
521-599	Reserved - Temp

EMR/Net

Code	Description
600	Everything was fine
601	No network connection
602	Connection timed out
603	Connection was refused
604	SSL handshake failed
605	Connection to host failed
606	Error while sending to server
607	Could not transfer all data to server
608	Could not parse received answer
609	Server sent unexpected answer
610	Server has rejected our MSG
611	Patient ID was unknown
612	No PID segment was returned

Code	Description
613	Multiple patients matched the request
614	Malformed PID segment
615-629	Reserved - HL7/EMR
630-699	Reserved - Network / Wi-Fi connectivity

Barcode Scanner

Code	Description
700	No error
701	Error while reading from the device
702	Error fetching all bytes from the device
703	Error while polling the event device
704	Read barcode was too long
705	Read barcode was too long (including check digit)
706	Read barcode was too short
707-799	Reserved - Barcode Errors