

## iLOG - Socket Application Commands

| Category                         | Code                             | Description                             |
|----------------------------------|----------------------------------|---|
| ComTest                          | 0000                             | Echo                                    |
| Station Characteristics          | 0001                             | Get Station Name                        |
|                                  | 0002                             | Get Station Description                 |
|                                  | 0003                             | Get Firmware Version                    |
| AI Properties                    | 0020                             | Get Logged AI Channels                  |
|                                  | 0021                             | Get AI Channel Descriptions             |
|                                  | 0022                             | Get Channel Units                       |
|                                  | 0023                             | Get Channel Scales                      |
|                                  | 0024                             | Get Channel Sensor Scales               |
|                                  | 0025                             | Get Channel Calibration Values          |
|                                  | 0026                             | Get Channel Gain                        |
| 0027                             | Get Channel Linearization Method |   |
| DI Properties                    | 0040                             | Get DI Channel Usage                    |
|                                  | 0041                             | Get DI Channel Descriptions             |
| DO Properties                    | 0050                             | Get DO Mode                             |
| Logging Parameters               | 0060                             | Get Log Mode                            |
|                                  | 0061                             | Get Log Value                           |
|                                  | 0062                             | Get Log Rate                            |
| Alarm Parameters                 | 0070                             | Get Alarm Info Mode                     |
|                                  | 0071                             | Get Alarm Levels                        |
|                                  | 0072                             | Get Alarm Mode                          |
|                                  | 0073                             | Get Alarm Delay                         |
|                                  | 0074                             | Get Dead Band                           |
|                                  | 0075                             | Get Prealarm                            |
|                                  | 0100                             | Get Logs Sending Mode                   |
| Sending Parameters               | 0101                             | Get FIFO Sending Status                 |
|                                  | 0102                             | Get Send Rate                           |
|                                  | 0103                             | Get Synchronization DateTime            |
| Connection Parameters (iLOG-EDM) | 0110                             | Get Modem Type                          |
|                                  | 0111                             | Get ISP Phone                           |
|                                  | 0112                             | Get ISP UserName                        |
|                                  | 0113                             | Get Modem Initialization String         |
| Connection Parameters (iLOG-LAN) | 0110                             | Get IP Address                          |
|                                  | 0111                             | Get DNS                                 |
|                                  | 0112                             | Get Gateway                             |
|                                  | 0113                             | Get Subnet Mask                         |
| Email Parameters                 | 0130                             | Get SMTP Server                         |
|                                  | 0131                             | Get POP3 Server                         |
|                                  | 0132                             | Get E-mail User                         |
|                                  | 0133                             | Get E-mail Receivers                    |
| FTP Parameters                   | 0140                             | Get FTP Servers                         |
|                                  | 0141                             | Get FTP Users                           |
|                                  | 0142                             | Get FTP Paths                           |
|                                  | 0143                             | Get FTP Port Numbers                    |
| SMS Parameters                   | 0150                             | Get GSM Port                            |
|                                  | 0151                             | Get GSM Baud                            |
|                                  | 0152                             | Get SMSC Phone Number                   |
|                                  | 0153                             | Get SMS Receivers                       |
| Commands Part 1                  | 0420                             | Update Web Page Constant Parameters     |
|                                  | 0500                             | Read RTC Time                           |
|                                  | 0501                             | Set RTC Time (0501,W,DD/MM/YY,HH:MN:SS) |
|                                  | 0505                             | Set Synchronization Time (0505,HH:MN)   |
|                                  | 0510                             | Read Current Values (AI/DI/DO)          |
|                                  | 0511                             | Set/Reset DO (0511,O,V)                 |
|                                  | 0520                             | Reset Terminal                          |
|                                  | 0521                             | Clear FIFO                              |
|                                  | 0530                             | Get Alarm Log Entries Number            |
|                                  | 0531                             | Read Alarm Log Entry (0531,N)           |
|                                  | 0532                             | Clear Alarm Logs                        |
|                                  | 0540                             | Get Event Log Entries Number            |
|                                  | 0541                             | Read Event Log Entry (0541,N)           |
|                                  | 0542                             | Clear Event Logs                        |
|                                  | 0550                             | Send Logs Via FTP                       |
|                                  | 0551                             | Send Logs Via E-mail                    |
|                                  | 0560                             | Read Counters                           |
|                                  | 0561                             | Set Counter (0561,C,V)                  |
|                                  | 0562                             | Clear Counter (0562,C)                  |
|                                  | 0570                             | Get RAM Packets Number                  |
| 0571                             | Read RAM Packet (0571,N)         |   |

| Category        | Code         | Description              | Response            |                         |              |                         |                          |
|-----------------|--------------|--------------------------|---------------------|-------------------------|--------------|-------------------------|--------------------------|
| Commands Part 2 | 0400,0,12,xx | Send mode                | 0: No data sending  |                         |              |                         |                          |
|                 |              |                          | 1: Email            |                         |              |                         |                          |
|                 |              |                          | 2: FTP              |                         |              |                         |                          |
|                 | 0400,0,14,xx | Log value                | 3: Email & FTP      |                         |              |                         |                          |
|                 |              |                          | 1: Instant          |                         |              |                         |                          |
|                 |              |                          | 2: Minimum          |                         |              |                         |                          |
|                 |              |                          | 3: Maximum          |                         |              |                         |                          |
|                 | 0400,0,16,xx | FIFO send mode           | 4: Average          |                         |              |                         |                          |
|                 |              |                          | 0: Latest/Keep      |                         |              |                         |                          |
|                 |              |                          | 2: All/Keep         |                         |              |                         |                          |
|                 | 0400,0,17,xx | Alarm send mode          | 3: All/Delete       |                         |              |                         |                          |
|                 |              |                          | 0: No alarm sending |                         |              |                         |                          |
|                 |              |                          | 1: Email            |                         |              |                         |                          |
|                 | 0400,0,18,xx | Digital output mode      | 2: SMS              |                         |              |                         |                          |
|                 |              |                          | 3: Email & SMS      |                         |              |                         |                          |
|                 | 0400,0,21,xx | Alarm mode AI channel 1  | 0: System           |                         |              |                         |                          |
|                 |              |                          | 1: User             |                         |              |                         |                          |
|                 |              |                          | 0400,0,22,xx        | Alarm mode AI channel 2 | I: Instant   |                         |                          |
|                 |              |                          |                     |                         | 0400,0,23,xx | Alarm mode AI channel 3 | D: Delayed               |
|                 |              |                          |                     |                         |              |                         | 0400,0,24,xx             |
| 0400,0,25,xx    |              |                          |                     |                         |              |                         |                          |
|                 |              |                          | 0400,0,26,xx        | Alarm mode AI channel 6 |              |                         |                          |
|                 |              |                          |                     |                         | 0400,0,27,xx | Alarm mode DI channel 1 |                          |
|                 |              |                          |                     |                         |              |                         | 0400,0,28,xx             |
| 0400,0,29,xx    |              |                          |                     |                         |              |                         |                          |
|                 |              |                          | 0400,0,30,xx        | Alarm mode DI channel 4 |              |                         |                          |
|                 |              |                          |                     |                         | 0400,1,60,xx | Logging rate            |                          |
|                 | 0400,1,62,xx | AI alarm delay           |                     |                         |              |                         | 2...9999 (sec)           |
| 0400,1,64,xx    |              |                          |                     |                         |              |                         | DI alarm delay           |
|                 |              |                          | 0400,1,66,xx        | Alarm dead-band         |              |                         |                          |
|                 |              |                          |                     |                         | 0400,1,68,xx | Prealarm limit          |                          |
|                 | 0400,1,70,xx | FTP server 1 port number |                     |                         |              |                         |                          |
| 0400,1,72,xx    |              |                          |                     |                         |              |                         | FTP server 2 port number |
|                 |              |                          | 0400,2,8,xx         | Send rate               |              |                         |                          |
|                 |              |                          |                     |                         | 0400,2,12,xx | AI 1 alarm limit low    |                          |
|                 | 0400,2,16,xx | AI 2 alarm limit low     |                     |                         |              |                         |                          |
| 0400,2,20,xx    |              |                          |                     |                         |              |                         | AI 3 alarm limit low     |
|                 |              |                          | 0400,2,24,xx        | AI 4 alarm limit low    |              |                         |                          |
|                 |              |                          |                     |                         | 0400,2,28,xx | AI 5 alarm limit low    |                          |
|                 | 0400,2,32,xx | AI 6 alarm limit low     |                     |                         |              |                         |                          |
| 0400,2,36,xx    |              |                          |                     |                         |              |                         | AI 1 alarm limit high    |
|                 |              |                          | 0400,2,40,xx        | AI 2 alarm limit high   |              |                         |                          |
|                 |              |                          |                     |                         | 0400,2,44,xx | AI 3 alarm limit high   |                          |
|                 | 0400,2,48,xx | AI 4 alarm limit high    |                     |                         |              |                         |                          |
| 0400,2,52,xx    |              |                          |                     |                         |              |                         | AI 5 alarm limit high    |
|                 |              |                          | 0400,2,56,xx        | AI 6 alarm limit high   |              |                         |                          |

| Category        | Code           | Description              | # of characters<br>(any valid text or number) |
|-----------------|----------------|--------------------------|---|
| Commands Part 3 | 0400,3,0,xx    | Station name             | 15  |
|                 | 0400,3,16,xx   | Station description      | 60  |
|                 | 0400,3,77,xx   | AI channel 1 description | 20  |
|                 | 0400,3,98,xx   | AI channel 2 description | 20  |
|                 | 0400,3,119,xx  | AI channel 3 description | 20  |
|                 | 0400,3,140,xx  | AI channel 4 description | 20  |
|                 | 0400,3,161,xx  | AI channel 5 description | 20  |
|                 | 0400,3,182,xx  | AI channel 6 description | 20  |
|                 | 0400,3,203,xx  | DI channel 1 description | 20  |
|                 | 0400,3,224,xx  | DI channel 2 description | 20  |
|                 | 0400,3,245,xx  | DI channel 3 description | 20  |
|                 | 0400,3,266,xx  | DI channel 4 description | 20  |
|                 | 0400,3,500,xx  | SMTP address             | 25  |
|                 | 0400,3,526,xx  | POP3 address             | 25  |
|                 | 0400,3,552,xx  | Email account username   | 30  |
|                 | 0400,3,583,xx  | Email account password   | 20  |
|                 | 0400,3,604,xx  | Email recipient 1        | 30  |
|                 | 0400,3,635,xx  | Email recipient 2        | 30  |
|                 | 0400,3,666,xx  | Email recipient 3        | 30  |
|                 | 0400,3,697,xx  | Email recipient 4        | 30  |
|                 | 0400,3,728,xx  | Email recipient 5        | 30  |
|                 | 0400,3,759,xx  | FTP server address 1     | 25  |
|                 | 0400,3,785,xx  | FTP server address 2     | 25  |
|                 | 0400,3,811,xx  | FTP server 1 username    | 20  |
|                 | 0400,3,832,xx  | FTP server 2 username    | 20  |
|                 | 0400,3,853,xx  | FTP server 1 password    | 20  |
|                 | 0400,3,874,xx  | FTP server 2 password    | 20  |
|                 | 0400,3,895,xx  | FTP server 1 path        | 30  |
|                 | 0400,3,926,xx  | FTP server 2 path        | 30  |
|                 | 0400,3,957,xx  | SMS-alarm recipient 1    | 15  |
|                 | 0400,3,973,xx  | SMS-alarm recipient 2    | 15  |
|                 | 0400,3,989,xx  | SMS-alarm recipient 3    | 15  |
|                 | 0400,3,1005,xx | SMS-alarm recipient 4    | 15  |
|                 | 0400,3,1021,xx | SMS-alarm recipient 5    | 15  |