"Direct Excel Connection"

1

"Direct Excel Connection"

Microsoft Excel.

DDE   ODBC.

Excel,

- Microsoft Excel   ;
- ;
- ,   .
-                          .

  FIFO (First In, First Out),

  .

  ;

- .

  ;

- :

  (workbook),   Microsoft Excel ;

- ;

- .

  :

- ,

  ,   ,   Microsoft Excel;

- .

!

2

Direct Excel Connection :

: Windows 2000 SP4 , 32-x 64-x

, .

- .

: 5 MB

.

:

.

.

( ), Advanced Serial Data Logger.

3 Direct Excel Connection

1. (, Advanced Serial Data Logger), ;
2. ;
3. , Windows;
4. .
   " ";
5. .
   , " ".

,
. . 1-2.
. " " .
.

" - ".
" " " ".
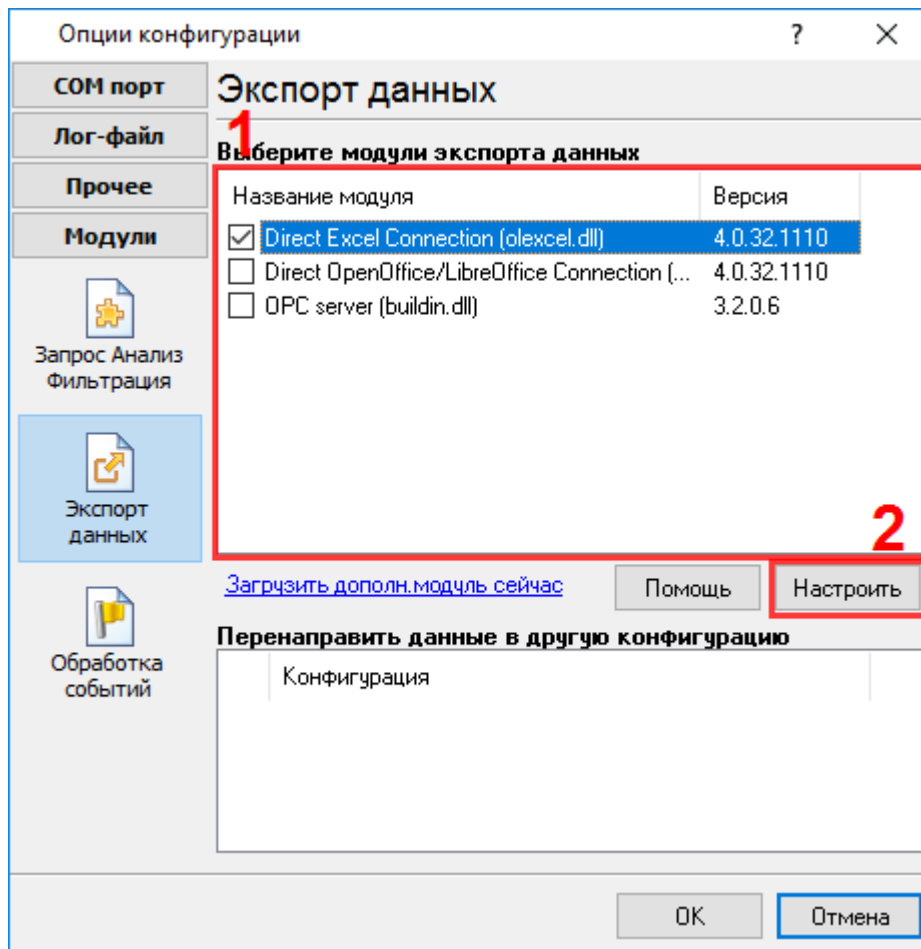
. 1.

4

Plug-in -

-   ,   .   :
Advanced Serial Data Logger

-    ."   ".

-            ,   ,
.

.

-    ."   ".

5   Microsoft Excel

Microsoft Excel.
Microsoft
Excel,   (workbook),
(worksheet)   .
:

1.   ,   ,   (, Advanced Serial Data Logger);
2.   "   -   ";
3.   "Direct Excel Connection" (. 1).   ,   ,
;

.1

4.   "   ";
5.   "   " (.2).

.2 **Microsoft Excel**

Microsoft Excel :

1. (instance) Microsoft Excel. " ".
Microsoft Excel.
, .
, :
Microsoft Excel ( )
Microsoft Excel ( ),
, " ".

2. Microsoft Excel.
" ".
Microsoft Excel.
Microsoft Excel.

Microsoft Excel,
" **Excel** ".
Microsoft Excel ,
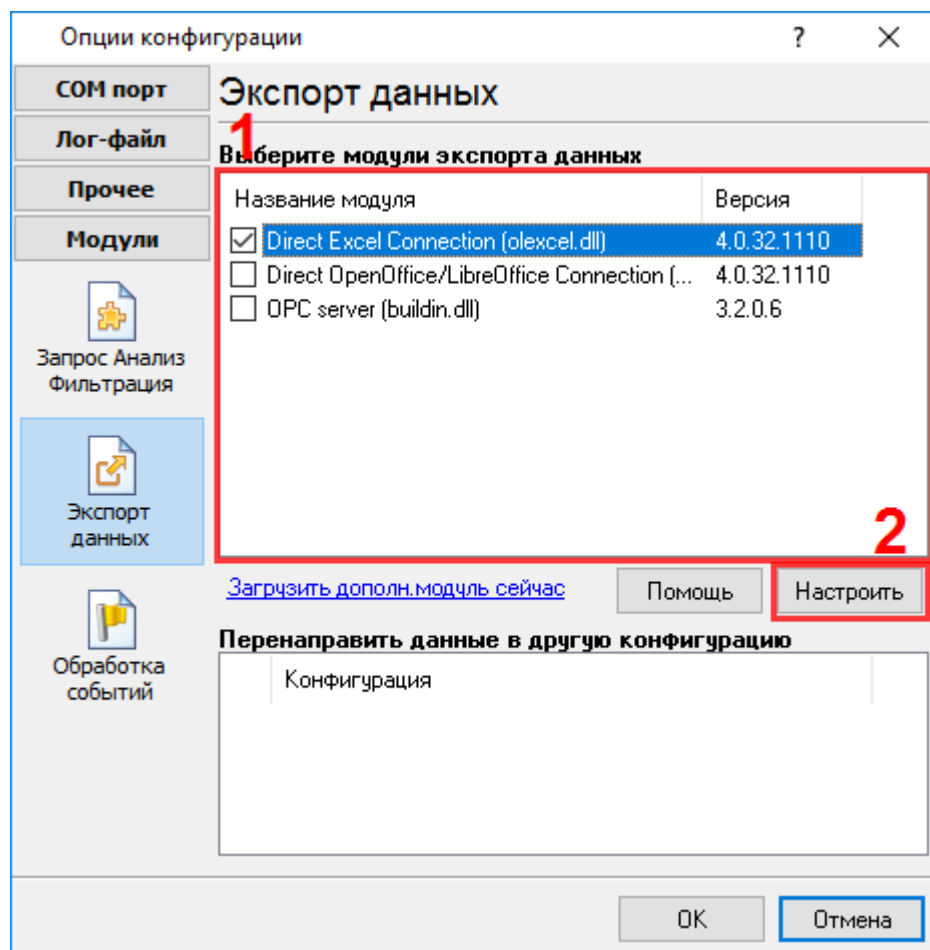.

Microsoft Excel
,

Microsoft Excel

.

,   Microsoft Excel,   ,

,   (workbook)

            (worksheet).   "   " (.3).

.3

:

1.   –   ,
                                                                          ,   Microsoft Excel.
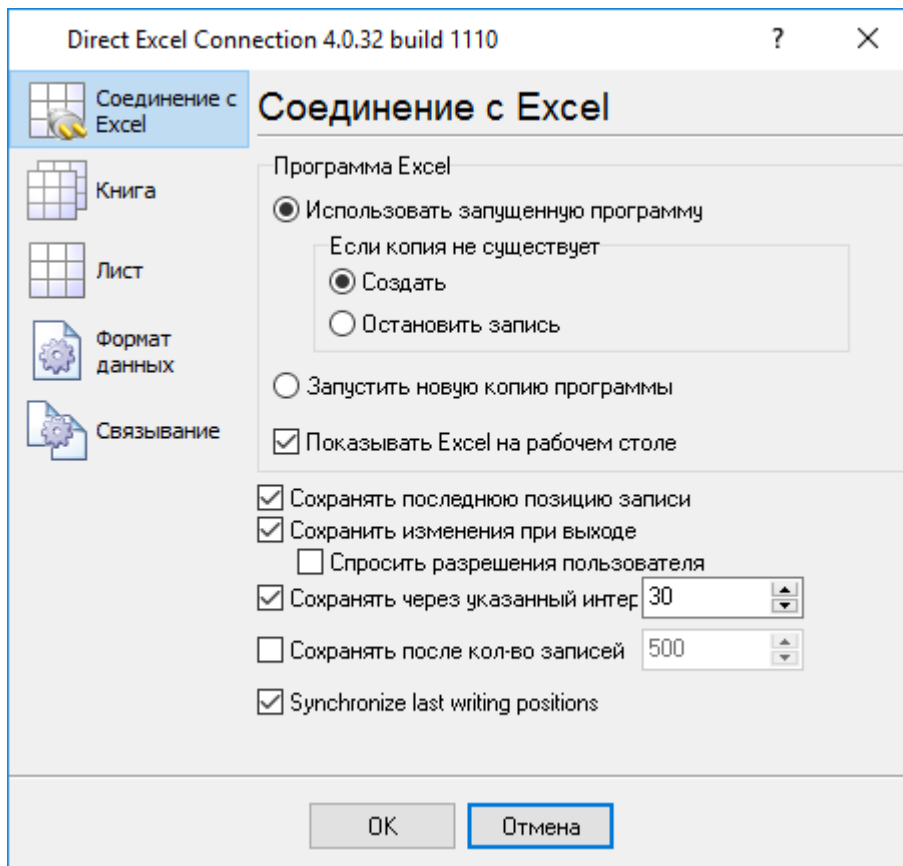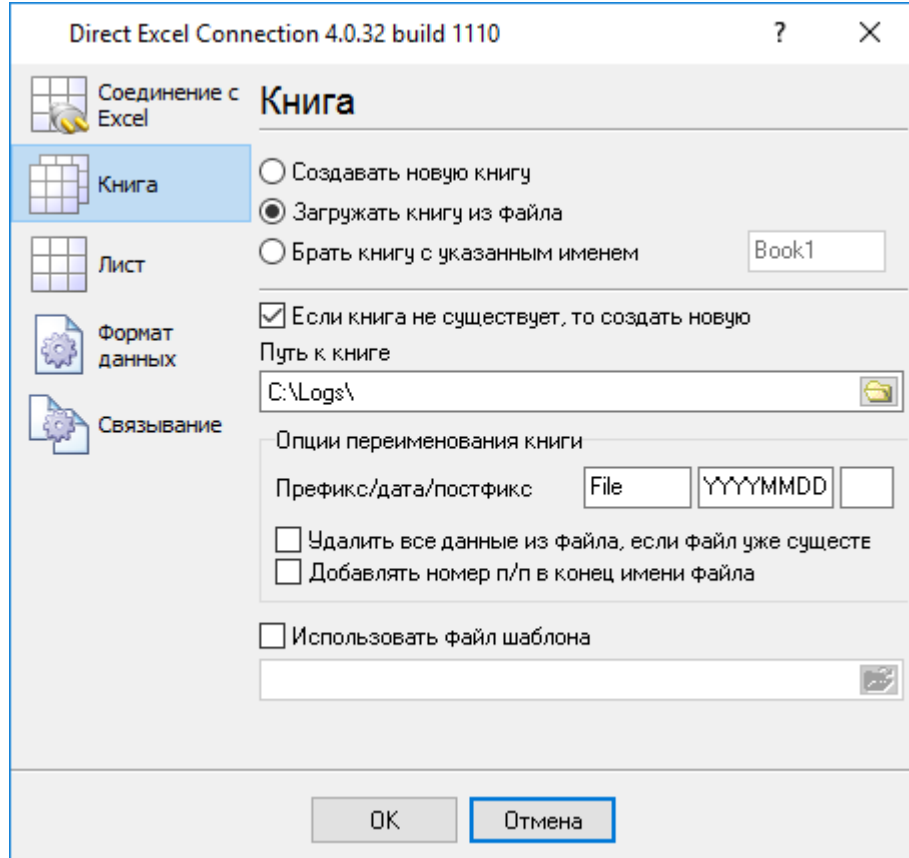   ,   "   ";
2.   –   ".
                              .   "   ".
                                                                                                                                                ,
                                                                            .
                                                        (,   )
              "   ,   ",
                                                                      .
                              "   ".
                  ,   .   ".
                                        "   .   ".
                                                                        :
            a.   ,   "   ";

b.   ,   ;

c.   ,   ;

d.   ,

       .

3.   –   ,

                Microsoft Excel.   ,

       ,   -   ,

                .

       ,   ,   ,

     ,   .

4.   -   .

              ,

      .

       ,   "   "   ,

        ,   .

-       -   ;

-       -   /   .

        ,   ,   . .   /   .

         ,   -

     (.   ).   ,

         ;

-       -   ;

-               ,   -

     ,   , . .   ;

-       * / *   -   ,

      ,

    .

                  ,   .

    ,   "   ".

       ,   .

              Microsoft Excel   .

         "   ".

              ,   "

      ".

              ,

                Microsoft Excel

     .

                  (.4).   :

1.   "   ";
2. "   "   .
   Microsoft Excel,
   -     .

3.   -
   -       -   ;
   -       -   /   .
           ,   ,   . .
         /   .   ,
           -      (.   ).
           ,   ;
   -       -   .

         /   ,   "
        ,   "
     .

      ,
      Microsoft Excel
    .
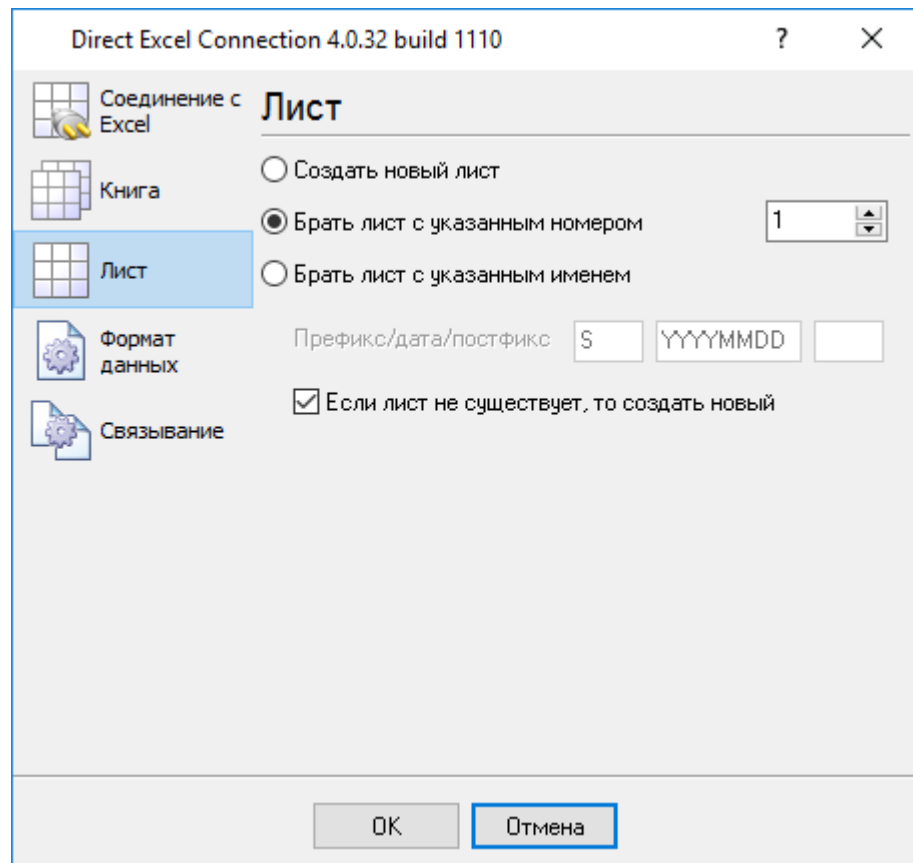
.4

6

,
(Float) (DateTime).
. " " (. 1) ,
– , . .
, " " .

.1

:
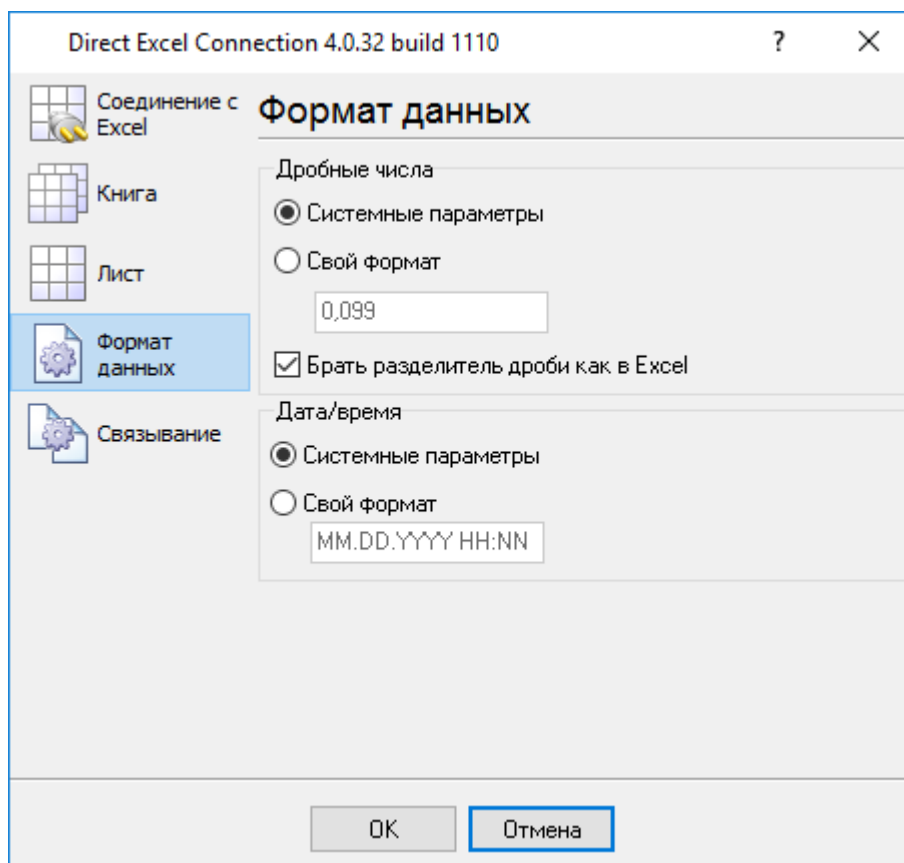
d   -   ,   (1 - 31);
dd   -   ,   (01 - 31);
ddd   -   (-   )   ,
                         ;
dddd -   (-   )
               ,   ;
m   -   ,   (1 - 12);
mm   -   ,   (01 - 12);
mmm   -   (-   )   ,
                         ;
mmmm -   (-   )   ,

;

yy	-	(00 - 99);
yyyy	-	(0000 - 9999);
h	- ,	(0 - 23);
hh	- ,	(00 - 23);
n	- ,	(0 - 59);
nn	- ,	(00 - 59);
s	- ,	(0 - 59);
ss	- ,	(00-59).

,

:

0 – .

, ,

, 0.

- .

, ,

, .

. – . '.'

. .

'.' ,

.

(Windows Control Panel) " (Number Format)

" " (International section).

, - . , ','

.

(Windows Control Panel)

" (Number Format) " " (International section).

E+ - . 'E+', 'E-', 'e+', or 'e-'

, , , ,

'E+' 'e+',

'E-' 'e-'.

'xx'/"xx" – ,

- .

7

,
,   .

"   ",
,
(. 1).
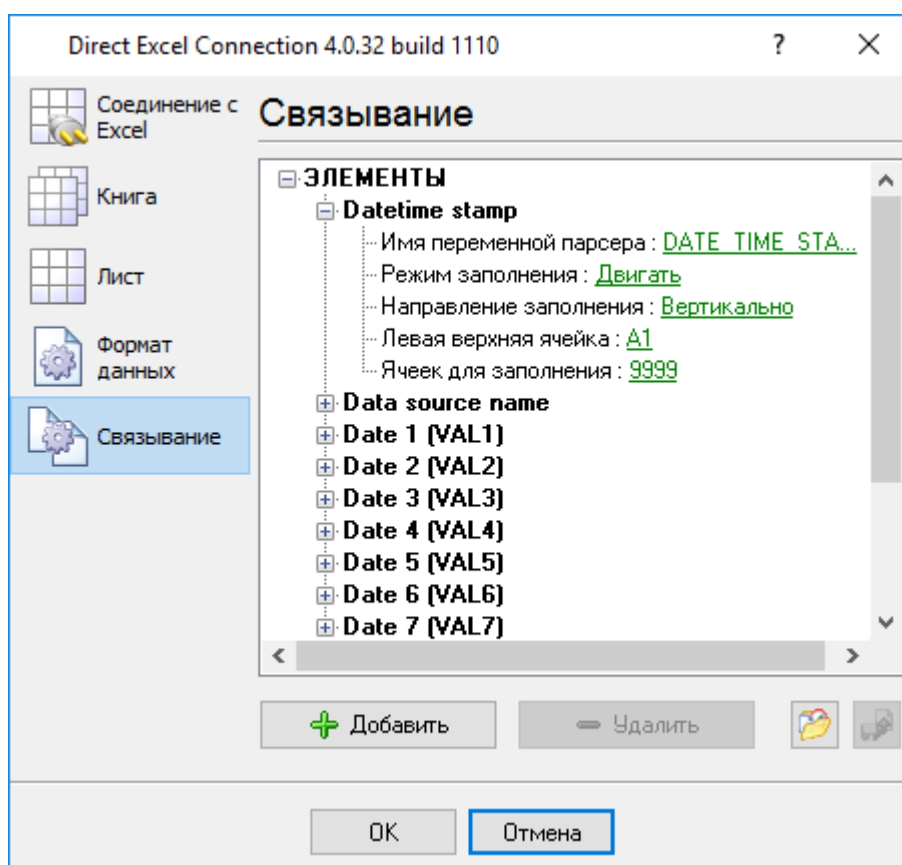
.1

.
.   ,
.

"   "   .
,   .

,   "OK"
.   (.   1)   .
:

■   –   ,
.
,
.
,
;

■   –   :

-    –   Microsoft Excel
,   ,
,   ;

-    -   Microsoft Excel
,   ,
(   )   (
)   .
,   FIFO;
Microsoft Excel
-    -   Microsoft Excel
,   ,
.

■   –   ,
       Microsoft Excel,   (   )
(   );
■   –
,   Microsoft Excel.
,   Microsoft Excel.   ,
A1   .

"   "   .

.   ,
.

,
.   { }.
,
,   A1.   .
                     "Expressions".

:

A{DEVICE_ID} -   A1 - A10,
"DEVICE_ID"   1-10.

■   –   ,
Microsoft Excel.
,   Excel   65535. . .
Excel   65535   .

"   ",
.

'

.

,   '   '
,   '   "OK".
.

,   "   "
.