

# Disdrometer software configuration OTT Parsivel 2

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## I. ASDO software

#### 1. ASDO software set-up



Figure 1. OTT ASDO software set-up page

### 2. ASDO software licence number

Run the ASDO software and write de license number

an ASDO File Help	1000-1040-104	- 🗆 x
Options Change licence key	onfiguration 60 s v COM4 v ⊡Store Data in D	Jatabase
Current Weather	10	20
	ASDO Licensing	×
	Key.	- 1
	OK Abbrech	hen

Figure 2. Licence key page

# II. ASDO configuration

ASDO File Help			- ¤ ×
Options	Configuration		
Change licence key	60 s ~ COM4	Store Data in Database	
Current Weather			-200
		5 C	200

1. "Database" page



Figure 3. Database configuration page

Option "Auto start Online Polling" allows to launch the acquisition automatically when starting ASDO (new with version 1.15)

### 2. "Export" data page

• Output format

ß	Options			_		×
	Database	Export	Automatic Import			
	Formal	t				
	Sepa	rated Col	umns 🗸 🗸	Generate Hydras3 XML f	ile	
	Field	Separat	or	Semicolon	~	
	Deci	mal Sepa	arator		~	
	Date	Format		yyyy/MM/dd		
	Time	Format		hh:mm:ss		
	٧	Vith Head	der			

Figure 4. Output data format export page

• Variables and column order

1	Date*	
2	Time*	
3	Intensity of precipitation (mm/h)	
4	Precipitation since start (mm)	
5	Radar reflectivity (dBz)	
6	MOR Visibility (m)	
7	Signal amplitude of Laserband	
8	Number of detected particles	

9	Temperature in sensor (°C)	
10	Heating current (A)	
11	Sensor voltage (V)	
12	Kinetic Energy	
13	Snow intensity (mm/h)	
14	Weather code SYNOP WaWa	
15	Weather code METAR/SPEC	
16	Weather code NWS	
17	Spectrum*	

M V (asther and METAD /CDEC)	
Weather code NWS Ontics status	ort ID s

Figure 5. Output data selection page

• Automatic daily file configuration

Automatic Export ac	tivated		
Mode	Cyclic	$\sim$	
Interval	24 h	$\sim$	
Path	D:\data\parsivel		
Filename	parsivel_Lpn_ <date>_<time>.txt</time></date>		
Overwrite existing	g files		
OK	Cancel		

Figure 6. Automatic export file configuration page

• Data sampling and serial port

On data page selection:

- Data sampling frequency = 60s.
- The corresponding serial port.
- Store Data in Database



Figure 7. Data visualization page

- 3. Serial port configuration page :
- Select the COM port connected to the OTT Parsivel
- Select a baudrate equals to 19200
- Click on « write » in Parameter Set page

Parameter Set	Firmware	Interface
Read	1	СОМ4 🗸
Write	Í II	Baudrate
	Undate	

Figure 8. Serial port configuration page



Figure 9. System parameter configuration page

### 4. Export parameter page

New for version 1.15.

Click on export and save all the configuration parameter.

Parameter Set
Read
Write
Import
Export

Figure 10. Export configuration page