

IRIS INSTRUMENTS

FieldView Software

FieldView is a PC software allowing to retrieve data in real time from a resistivity-meter Syscal Pro, Syscal Junior/R1Plus and Elrec Pro *Switch* type from version 05.00.

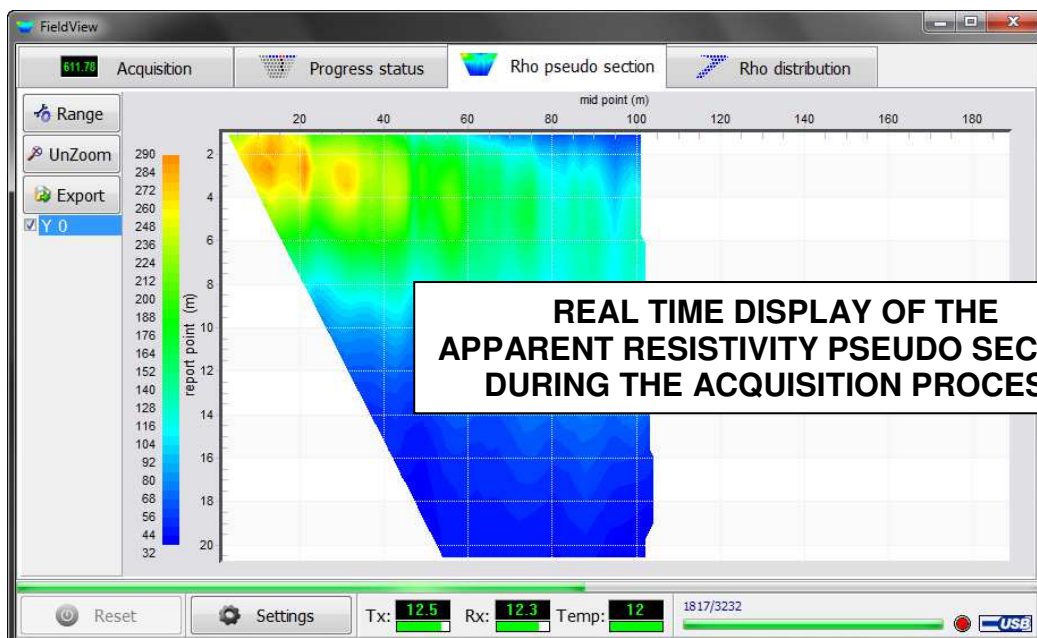
This allows a real time display of the apparent resistivity pseudo-section and also a possibility in the same time to store directly the data set in the PC in a file readable by the *IRIS Instruments* Prosys II software.

So, **FieldView** allows to have a direct data quality control, in the field, and then, to react quickly in case of the measurements don't match the user's requirements.

The minimal required PC configuration is the following one:

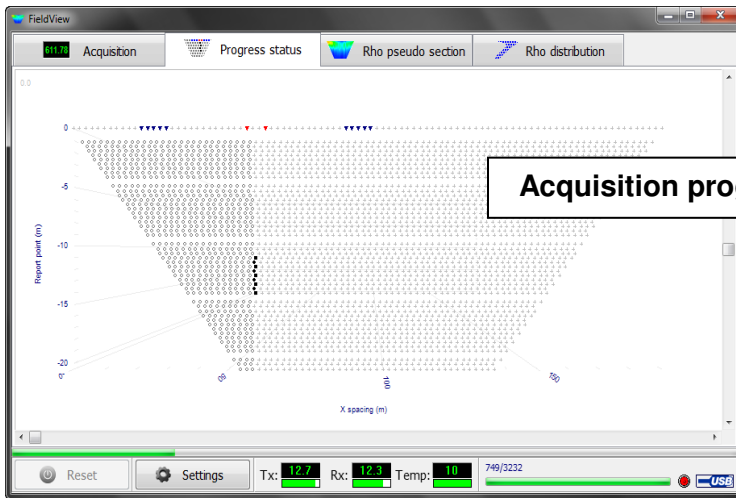
- 1 GHz microprocessor
- Operating system: Windows Xp
- RAM memory: 1 Gb
- Screen resolution: 1024 * 600

The communication between Syscal/Elrec and PC is done by a USB link cable.



FieldView Software

During the realization of the sequence, data can be also displayed, in real time, in the following ways:

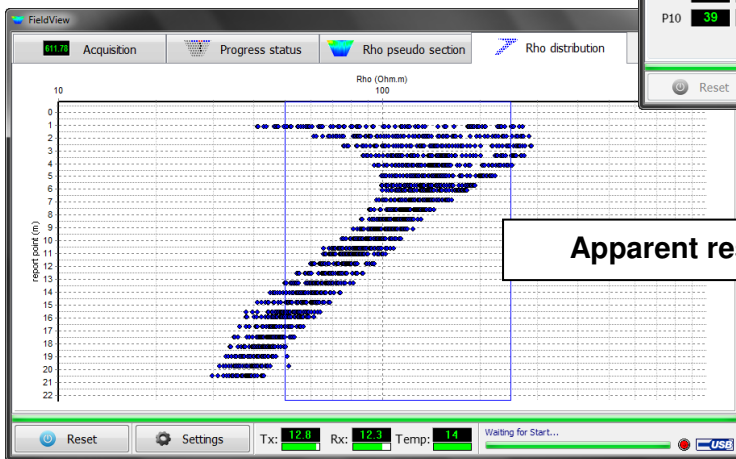


Acquisition progress (sequence report points)

The screenshot shows the 'Progress status' tab in FieldView. It displays a table of measured parameters for various channels (Ch 1 to Ch 9) and points (P5, P9, P10). The status bar at the bottom shows Tx: 12.7, Rx: 12.3, Temp: 10, and 593/3232.

Point	X (m)	Y (m)	Z (m)	In (mA)	Quadrupole	Estimated time remaining
	50.00	0.00	0.00	70.786	585 , 593 / 3232	00:01:39
	54.00	0.00	0.00			
	38.00	0.00	0.00			
	68.00	0.00	0.00			
	34.00	0.00	0.00			
	70.00	0.00	0.00			
P5	17	32.00	0.00			
P9	15	28.00	0.00			
P10	39	76.00	0.00			
Channel	Vp (mV)	Rho (Ohm.m)	M (mV/V)	Sp (mV)	Q	
Ch 1	53.86	150.60	0.000	100.2	0.1	
Ch 2	-45.55	142.50	0.000	8.8	0.1	
Ch 3	39.11	138.86	0.000	92.8	0.1	
Ch 4	-33.15	130.21	0.000	-98.4	0.1	
Ch 5	28.44	124.97	0.000	-4.3	0.0	
Ch 6	-24.26	116.82	0.000	-32.1	0.0	
Ch 7	20.60	109.70	0.000	40.2	0.0	
Ch 8	-17.66	102.25	0.000	-41.9	0.1	
Ch 9	14.96	94.92	0.000	21.4	0.1	

Numeric values of the whole parameters measured

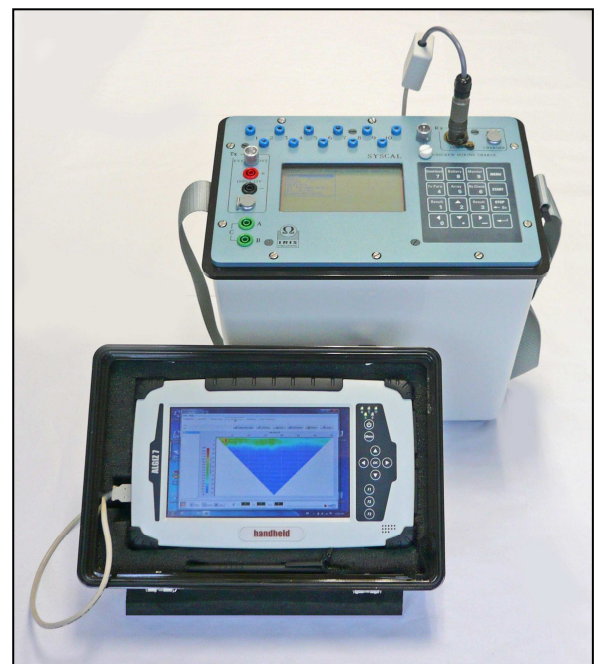


Apparent resistivity values in a bilog scatter chart

One solution for using **FieldView** in a difficult working environment: the ruggedized **AG-IZ7** tablet PC.

The **AG-IZ7** is a hardened tablet PC designed to be directly inserted in the cover of the Syscal and Elrec Pro boxes.

Extremely robust, small, light, fast and powerful, with several connectivity options and a wide range of functions, the **AG-IZ7** is a perfect tool for field work, whatever the climatic conditions.



Specifications subject to change without notice BR_FIV_GB_V1



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