ARCALE RF SYSTEMS

A NEW PRODUCT ALL IN ONE, EASY TO USED
FOR 19' RACK MOUNT OR EMBEDDED SOLUTIONS

ARCALE RF SYSTEMS IS AVAILABLE WITH :

- Windows 10 core i7 computer with Arcale RF Suite
- Up to 2 Rx Receiver
- 1 RF Transmitter depending of version
- Optional RF conditioning (Filter, Attenuator, Low noise Amplifier)

SPECIFICATIONS :

	1U-12	1U-27	1U-40	1U-100
RF Specification :				
Channel type	Rx or Tx	Rx	Rx	1 or 2 Rx
Frequency band (SMA 50 Ohms)	70 MHz to 6 GHz	9 KHz to 6 GHz	9 KHz to 6.2 GHz	9kHz to 8, 20 ,40 GHz
Instantaneous bandwidth	12 MHz	27 MHz	40 MHz	100 MHz
Rx Sensibility	-110 to -10 dBm	-158 to +10 dBm	-160 to +20 dBm	-160 to +20 dBm
Connector type	SMA			
Connector	SMA 50 ohm			
RF conditioning	HF, VUHF, SHF			
GPS	Synchro PPS, GPS antenna connector if available			
Software :	Arcale RF Suite Module			
	- Spectrum - Player - Recorder - Analyser - CPU DDC - Server - Seeker - Radar			
Hardware :				
Hard drive capacity	Up to SSD 8TO*2			
Connectivity	Ethernet up to 2.5 GB/s			
Power	110 to 240 VAC 50/60Hz (optional 12 or 24V DC) 100W nominal, 130W max			
Size	43 (outside fixing ear) * 31 * 4.5 cm			
Weight	5.3 Kg			

For more informations, please contact rfsystems@arcale.net

TYPICAL APPLICATION :

- SIGINT, COMINT
- Spectral monitoring
- R&D
- Modular and scalable Instruments

SPHEREA
POWER & INSTRUMENTATION