

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 :

- 1 RF Receiver
- 1 RF Transmitter depending of version
- On option RF conditioning design (Filtrer, Attenuator, Amplifier)



Specifications :

	1U-12	1U-27	1U-40
RF Specification :			
Channel type	Rx or Tx	Rx	Rx
Frequency band (SMA 50 Ohms)	70 MHz to 6 GHz	9 KHz to 6 GHz	9 KHz to 6.2 GHz
Instantaneous bandwidth	12 MHz	27 MHz	40 MHz
Rx Sensibility	-110 to -10 dBm	-158 to +10 dBm	-160 to +20 dBm
Connector type	SMA		
Conditioning design	On demand		
RF conditioning	HF, VUHF, SHF		
GPS	Synchro PPS, GPS antenna connector if available		
Software :			
	Arcale RF Suite Module		
	<ul style="list-style-type: none">• 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

