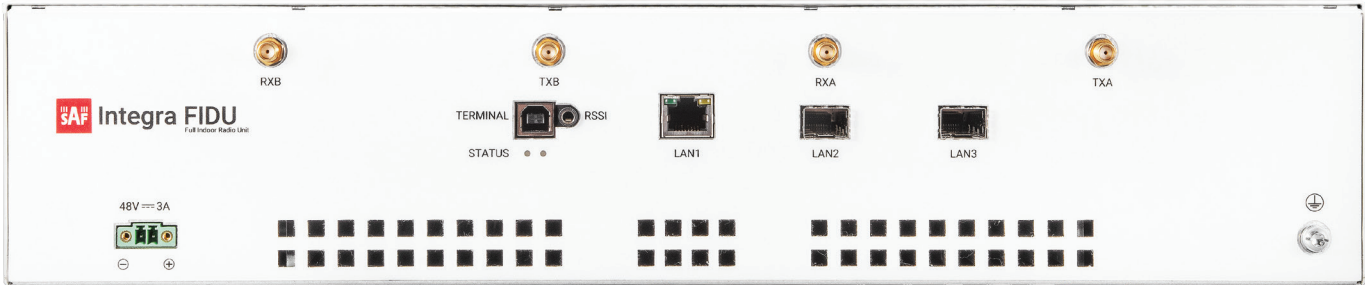


Integra-FIDU

Capacity	ETSI	Up to 2.2 Gbps at 2x 112 MHz 4096QAM
	FCC	Up to 1.5 Gbps at 2x 80 MHz 4096QAM
Frequency bands		6, 7, 8, 11, 13 GHz. 15 - 38 GHz*
Max modulation		4096QAM
Configurations		1+0, 2+0 XPIC, 2+0 ACAP, 2+0 ACCP, 1+1 SD *, 1+1 FD *
Channel bandwidth	ETSI	5 to 112 MHz
	FCC	5 to 80 MHz
Maximum Tx power		+32 dBm
Traffic ports	1x RJ-45	Gigabit Ethernet (auto 10/100/1000 Mbps) electrical port, PoE capable with built-in surge arrestor
	2x SFP	SFP+ for Fiber Optics (1, 2.5 and 10 Gbps speed supported)
Service ports	3.5 mm	Audible alignment and RSSI
	USB B	RS232 serial over USB B-Type
	LED	Power On, Link Synchronization, RSL
Power	DC port	Screw type terminal block, pluggable, 2 pin, centerline 5.08 mm / 0.2"
Ethernet		Built-in Carrier Ethernet 10 Gigabit Switch, switching capacity up to 50 Gbps
Ethernet Switch functionality		802.1Q VLANs with QoS/CoS incl. WRED*, shaping* DWRR and on MPLS-TP exp. bit; Spanning Tree Protocol* Jumbo frames and more*
Management		SNMP v1/2c/3, SSH, Telnet, HTTPS, Serial, RADIUS, Network Time Protocol. In-band Management over same ETH port. Out-band Management is configurable using VLANs.
Carrier Ethernet functionality		MEF9&14*, OAM*
Synchronization		SyncE
Performance monitoring		Performance graphs, constellation diagram, alarms, detailed counters
Antenna type		SMA: Separate Tx/Rx SMA ports, for 1+0 and 2+0 models without diplexer. WG: Rectangular standard waveguide flange, for 1+0 model with diplexer.
Form factor		Full Indoor radio in 19" rack mount design
Temperature range		-5...+55 °C / 23...+130 °F

*Please contact SAF Tehnika representative for more information

Integra-FIDU



Compatible with **ZABBIX**

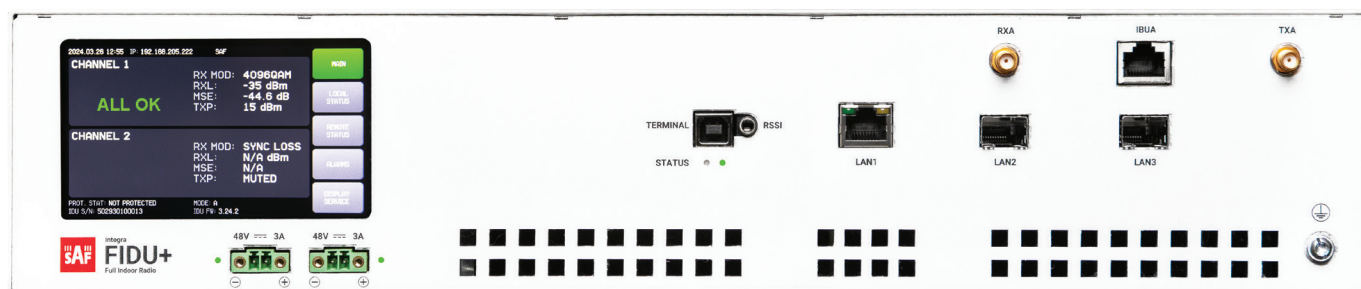


Integra-FIDU +

Capacity	ETSI	Up to 2.2 Gbps at 2x 112 MHz 4096QAM
	FCC	Up to 1.5 Gbps at 2x 80 MHz 4096QAM
Frequency bands		4U, 6, 7, 8, 11, 13 GHz. Other licensed bands upon request*
Max modulation		4096QAM
Configurations		1+0, 2+0 XPIC, 2+0 ACAP, 2+0 ACCP, 1+1 SD *, 1+1 FD, 1+1 HSB*
Channel bandwidth	ETSI	5 to 112 MHz
	FCC	5 to 80 MHz
Maximum Tx power		+35 dBm
Traffic ports	1x RJ-45	Gigabit Ethernet (auto 10/100/1000 Mbps) electrical port, PoE capable with built-in surge arrestor
	2x SFP	SFP+ for Fiber Optics (1, 2.5 and 10 Gbps speed supported)
Service ports	3.5 mm	Audible alignment and RSSI
	USB B	RS232 serial over USB B-Type
	LED	Power On, Link Synchronization, RSL
	RJ-45	1x or 2x management ports for active IBU switching
Power	DC port	2x screw type terminal block, pluggable, 2 pin, centerline 5.08 mm / 0.2"
Ethernet		Built-in Carrier Ethernet 10 Gigabit Switch, switching capacity up to 50 Gbps
Ethernet Switch functionality		802.1Q VLANs with QoS/CoS incl. WRED*, shaping* DWRR and on MPLS-TP exp. bit; Spanning Tree Protocol* Jumbo frames and more*
Management		SNMP v1/2c/3, SSH, Telnet, HTTPS, Serial, RADIUS, Network Time Protocol. In-band Management over same ETH port. Out-band Management is configurable using VLANs.
	Display	4.3-inch LCD, resolution 480x3(RGB)x272
Carrier Ethernet functionality		MEF9&14*, OAM*
Synchronization		SyncE
Agregation		L1 2+0 bonding. Proprietary L2 aggregation with RTAG-7 based hashing.
Encryption		AES256 - FIPS-197 Certified
Performance monitoring		Performance graphs, constellation diagram, alarms, detailed counters
Antenna type		SMA: Separate Tx/Rx SMA ports, for 1+0 and 2+0 models without diplexer. WG: Rectangular standard waveguide flange, for 1+0 model with diplexer.
Form factor		Full Indoor radio in 19" rack mount design
Temperature range		-5...+55 °C / 23...+130 °F

*Please contact SAF Tehnika representative for more information

Integra-FIDU +



For more detailed information visit saftehnika.com
 or contact your SAF Tehnika representative info@saftehnika.com
 Product features may vary between different models and configurations.
 They are subject to change without prior notice. © SAF Tehnika

E-Version:

