Overview

The Nokia 7362 Intelligent Services Access Manager (ISAM) Dense Fiber (DF)- 16GW is a compact, high capacity access node that efficiently addresses the need to deploy fiber and delivers cutting-edge gigabit services in the lower user density areas.

Quick Specification

Model	7362 ISAM DF-16GW
High capacity throughput	up to 120 Gb/s full duplex
Downlink interfaces	fixed configuration supports either 16-port GPON or 4-port universal nextgeneration (NG)-PON (XGS-PON/TWDM-PON) and provides 10/10 Gb/s symmetric and/or 10/2.5 Gb/s asymmetric
Uplink interfaces	8 x 1/10 Gb/s small form-factor pluggable (SFP) modules
Fan	Pluggable, field-replaceable and low acoustic fan unit
Filter	Field-replaceable dust filter
Deployment	Indoor or in cabinets
Rack mountable	Rack mountable in 482.6 mm (19 in) racks, 584.2 mm (23 in) or standard 600 mm (23.6 in) ETSI rack

Product Details:

The Front Panel:

Features:

• High capacity throughput: up to 120 Gb/s full duplex

• Downlink interfaces: fixed configuration supports either 16-port GPON or 4-port universal nextgeneration (NG)-PON (XGS-PON/TWDM-PON) and provides 10/10 Gb/s symmetric and/or 10/2.5 Gb/s asymmetric

• Uplink interfaces: 8 x 1/10 Gb/s small form-factor pluggable (SFP) modules

• Pluggable, field-replaceable and low acoustic fan unit

• Field-replaceable dust filter • Deployed indoor or in cabinets

• Rack mountable in 482.6 mm (19 in) racks, 584.2 mm (23 in) or standard 600 mm (23.6 in) ETSI rack

Benefits:

• High-bandwidth capacity to meet the demand now and in the future

• Supports GPON and universal NG-PON (XGS-PON/TWDM-PON)

• Small shelf size, compact 1 RU access node that operates as a standalone mini OLT

• Rack mountable in the CO and temperature hardened for outside cabinet deployments

• Different power options

• Fan cooled with low noise fan

• One ISAM family: any technology, any service and any deployment model

• Supports existing practices and proven ISAM technology

Get more information:

Do you have any question about the 7362 ISAM DF-16GW?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

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Product specifications	

Multiservice access support	– IPTV services – Multimedia services – High-speed internet access (HSIA) – Business access – Cell site backhaul support – 16-port GPON using 8 dual GPON XFP optics – 4-port XGS-PON or TWDM-PON
Network Termination (NT) support	– 120 Gb/s switching capacity – Link aggregation (LAG) – 80 Gb/s uplink capacity – SFP+ cages
Management	• Fully managed by the Nokia 5520 Access Management System (AMS) • Simple Network Management Protocol (SNMP) and command line interface (CLI)-based management system
Eco-sustainability	• Power consumption targets code of conduct (CoC) power consumption limits • Compliant with the European directive 2002/95/ EC on the restriction of the use of certain hazardous substances (RoHS) • Product collection and treatment under Nokia responsibility complies with the national laws on product treatment applied at the end of life for wastes from electrical and electronic equipment (WEEE), implementing the European Directive (2002/96/EC) • Product packaging materials are free from hydrochlorofluorocarbons (HCFCs) • Plastic product packaging material is marked according to ISO 11469, referring to ISO 1043 (97/129/EEC)
Standard compliance	
Environmental	– ETS EN 300 019-1-1 storage – Class 1.1, weather-protected, partly temperaturecontrolled locations – ETS EN 300 019-1-2 transport – Class 2.3, public transportation – ETS EN 300 019-1-3 stationary use – Class 3.3 and Class 3.4 – GR-63-CORE – GR-3108-CORE Powering – ETS EN 300 132-2
Protection	ITU-T K.20 enhanced and K.45 basic
Safety	– IEC 60950, EN 60950 Class 1, AS/NZS 60950.1 – UL/CSA 60950-1-03 – EN 60950-1
EMC	– ETS EN 300 386 for telecommunications center installation environment – ETS ES 201 468 – GR-1089-CORE – FCC Part 15 Class A – EN 55022
Acoustic noise	– ETS 300 753
Operating environment	• Temperature: -40ºC to 65ºC (-40ºF to 149ºF)

	• Relative humidity: 5% to 93%, non-condensing
	• Over-temperature sensors and shutdown
Power	– AC power: 85 V to 280 V AC, 47 Hz to 63 Hz with battery backup
	– DC power: -36 V DC to -72 V DC using redundant DC power inputs
Dimension	Height: 44 mm (1 RU) (1.7 in)
	Width: 442 mm (17.4 in)
	Depth: 267.5 mm (10.5 in), including optical modules and fan tray handle

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