

SUN

Sunset OCx

The Sunrise Telecom SunSet OCx is a premier handheld network transmission and SONET/SDH/PDH analyzer designed for installing, maintaining, and troubleshooting high-speed networks. Offering broad line-rate testing from DS1 up to OC-12 (622 Mbps), the SunSet OCx delivers comprehensive electrical and optical testing in a rugged, portable form factor.

SPECIFICATIONS

General

Interfaces	RS-232, PCMCIA slot, Bantam (DS1/E1), BNC (DS3/STS-1/STS-3/E3/E4), Optical TX/RX ports
Display	320 x 240 pixel LCD with backlight

Physical

Power Supply	100 - 240 VAC, 50/60 Hz (via external AC adapter); internal rechargeable NiMH battery pack
Operating Temperature	0 to 45 °C
Dimensions (W×H×D)	115 x 267 x 76 mm

Optical Interfaces

Optical Rates	OC-3 (155 Mbps), OC-12 (622 Mbps), STM-1, STM-4 (configuration dependent)
Optical Wavelengths	1310 nm, 1550 nm (transceiver dependent)

Electrical Interfaces

Electrical Rates	DS1 (1.544 Mbps), DS3 (44.736 Mbps), E1 (2.048 Mbps), E3 (34.368 Mbps), STS-1 (51.84 Mbps), STS-3c (155.52 Mbps)
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Testing & Analysis

SONET Mapping	STS-1, STS-3c, STS-12c, VT1.5, VT2, VT6
SDH Mapping	AU-3, AU-4, TU-11, TU-12, TU-2, TU-3, VC-3, VC-4
Supported Protocols	SONET, SDH, DSn, PDH, ATM

Power

Battery Type	Rechargeable NiMH battery pack
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Environmental

Storage Temperature	-20°C to 70°C
Operating Humidity	5% to 90% non-condensing

Performance

Internal Clock Accuracy	±4.6 ppm (Stratum 3 compliant)
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Interfaces

Optical Connectors	Universal connector adapter system supporting FC, SC, ST, and LC
Remote Control Port	RS-232

Compliance & Safety

Laser Safety	Class 1 (compliant with IEC 60825-1)
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TECHNOLOGY

SONET/SDH/PDH/T-Carrier testing

APPLICATIONS

Telecommunications network installation, maintenance, and troubleshooting

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.