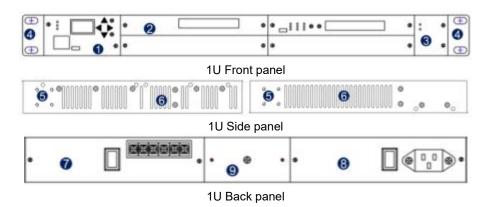
10G OEO

LIGHTX-

Machine frame appearance description

1U Machine frame



Explain:

①NMU card slot

②Business card slot,maximum support four business cards, our business cards all can be mixed interpolation and hot swappable ③Fan slot,Support for fan hot swap and independent replacement

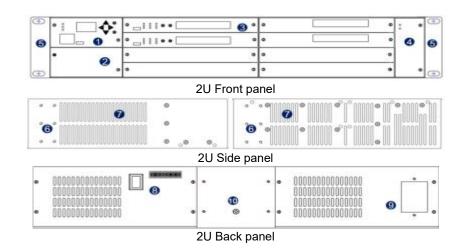
(4) Scalable lug (5) Lug instillation position (6) Side vent

⑦Power 1 slot, can plug in AC power supply or DC power supply, support hot swap

[®]Power 2 slot,can plug in AC power supply or DC power supply, support hot swap

⑨Grounding screw

2U Machine frame



Explain:

①NMU card slot

2 Expansion slot, can plug in eight Ethernet switch cards or other cards

3 Business card slot, maximum support eight business cards, all our business card can be mixed interpolation, hot swappable

(4)Fan slot,Support for fan hot swap and independent replacement

⑤Scalable lug ⑥Lug instillation position ⑦Side vent

[®]Power 1 slot,can plug in AC power supply or DC power supply, support hot swap

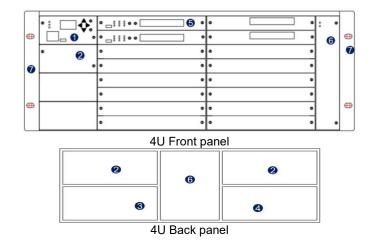
⁽⁹⁾Power 2 slot, can plug in AC power supply or DC power supply, support hot swap

Image: Optimized Control Control

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4U Machine frame



Explain:

 $\textcircled{1}\mbox{NMU}$ card slot

②Expansion slot, can plug in eight Ethernet switch cards or other cards

③Power 1 slot, can plug in AC power supply or DC power supply, support hot swap

4 Power 2 slot, can plug in AC power supply or DC power supply, support hot swap

^⑤Business card slot,maximum support sixteen business cards,all our business card can be mixed interpolation,hot swappable

6 Fan slot, Support for fan hot swap and independent replacement

⑦Scalable lug

Machine frame correlation parameter

Param	eters	Unit	Specifications				
	Working temperature	°C	-10~ 60 ℃				
Environmental parameter	Storage temperature	°C	-40℃~ 85℃				
parameter	Relative temperature	°C	5% ~ 95% No condensation				
	1U	mm	482.6W×300D×44.5H				
Size	2U	mm	482.6W×300D×86H				
	4U	mm	482.6W×300D×176H				
Dowor Supply	AC	V	100~240,50~60hz				
Power Supply	DC	V	36~72				
	1U	W	< 50 (Max)				
Consumption	2U	W	<100 (Max)				
	4U	W	<200 (Max)				

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Network management

NMU instructions

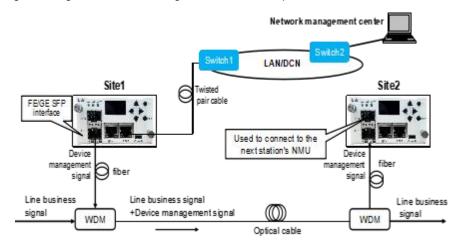
- (1) Equipment status indicator: P1 (Power1) $\$ P2(Power2), RUN
- $\textcircled{2}\mbox{HD}$ dual color LCD display screen
- ③Operation keys
- 4 Ethernet communication interface
- ⑤Micro USB equipment upgrade interface
- 6 Optical transceiver slot (Support 100/1000Mbps SFP)
- ⑦Optical transceiver working status indicator

Note:

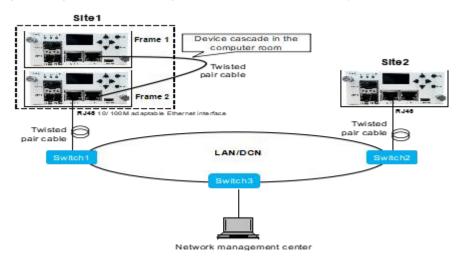
- (1) Equipment state, card performance can be visible completely;
- (2) Card parameters can be set by panel.



• The equipment management signal and business signal use the same optical fiber transmission



• Equipment management signal and business signal are transmitted independently



LIGHTX-

Professional integrated network management Software



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Ethernet		ik els est N egy est In		51013 ①				
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	-50.00 dba	Output Preer	-50.00 dba			nÅ		
	-50.00 dba		-50.00 dže	Pumpl cooling electricity	-92.0	na T	Pump2 cosling electricity	
Input power	-50.00 dba			Pumpl ceeling electricity Typer yampl temperature	*92.0 40.0	An T T	Pump2 cosling electricity Upper pump2 temperature	

Web management

TN2000 Optical Transmission Monitoring Management System						Oper	ation is succ	ess									w
NMU Card 3 Card 12																🌡 admin 🗸	Q
Property Config		Property Config															
Property Monitor																	
Monitor	~		EDFA	OEO	TDCM	OPD	OPM	OSW	Raman	VOA	TAWG	SOA	YEDFA	OLP	OE0100G	OBP	
 Alarm record 			OEO1000	G-MUX													
Diagnosis			checkAll														
O Reboot			Output	t power(dBn	n) [Module t	emperature	°C)	Module t	/pe	U Work m	odel	Inlos sw	itch	PUMP Stat	a	
			D PUMP	Power	D PU	NP Tempera	ture		Current	ПТЕ	C Current						
										submit							

Equipment management

- Equipment state, card performance can be visible completely
- Card parameters can be set by panel
- Support in or out of band network management
- Supports SNMP, Client

10G OEO

Product mix

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Customers can configure 2U and 4U boxes according to requirements.

Parameters		Unit	Specifications	Remark		
	1U	pcs	Max 4			
Card capacity	city 2U pcs 4U pcs		Max 8	For only 1 slot card		
			Max 16			
	1U	mm	482.6W×300D×44.5H	19"		
Size	2U	mm	482.6W×300D×86H	19"		
	4U	mm	482.6W×300D×176H	19"		

10G OEO card



Product Description

OEO is optical signal regeneration conversion equipment based on the principle of O-E-O. The product is applied to optical signal wavelength conversion, single mode conversion, relay amplification, signal regeneration and other occasions and is widely used in the field of optical communication.

Product Applications

- SDH
- Ethernet
- C/DWDM

Product Features

- Full rate access: 155Mbps~11.3Gbps
- Full service access: Ethernet, P/SDH, ATM, etc.
- Support 3R function
- Single card supports 4-channel two-way/8-channel one-way business processing
- High level of integration by plug-in design, which saves space of cabinet
- Expansion is very convenient

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10G OEO

Performance Index

Parameters		Unit		Specifications					
	Working wavelength	nm	850	1310	1550/CWI	DM/DWDM			
0.05 44 00hm	Transmission distance	km	0.3	10	40	80			
9.95~11.3Gbps	Input power range	dBm	-11~-1	-14~0	-16~0	-24~-7			
	Output power range	dBm	-6~-1	-6~0	-1~+3	0~+4			
	Working wavelength	nm	1310	1550/C\	VDM/DWDM	/DM/DWDM DWDM			
2 EChno	Transmission distance	km	20	40	80	120			
2.5Gbps	Input power range	dBm	-18~0	-18~0	-28~-10	-30~-10			
	Output power range	dBm	-5~0	-2~+3	0~+5	0~+5			
	Working wavelength	nm	850	1310	155	1550/CWDM/DWDM			
1.25Gbps	Transmission distance	km	0.55	10	40	80	120		
1.200005	Input power range	dBm	-18~-3	-18~-3	-24~-1	-24~-1	-31~-9		
	Output power range	dBm	-9~-3	-9~-3	-5~0	0~+5	0~+5		
	Working wavelength	nm	1310	155	1550/CWDM				
622Mbps	Transmission distance	km	20	40	80	120			
022101005	Input power range	dBm	-28~-8	28~-8	28~-8	-31~-9			
	Output power range	dBm	-14~-8	-5~0	-3~+2	0~+5			
	Working wavelength	nm	1310	1550/CWDI		1			
155Mbps	Transmission distance	km	20	40	80	120			
	Input power range	dBm	-32~-3	-34~-9	-34~-9	-34~-9			
	Output power range	dBm	-14~-8	-7~-2	-5~0	0~+5			
	dB	≥10							
	dithering performance			Confo	orm ITU-T G.825	(2000)			
	SMSR				> 30				
	Consumption	W			<15				