LiteVu™ *Optical Monitoring System*

Optical monitoring increases network uptime and availability, and reduces service time when network issues arise

LiteVu 1.5RU Chassis

MADE IN THE
USA

LiteVu 2RU Chassis

The LiteVu Optical Monitoring System is a cost-effective solution for nonintrusive monitoring of power and transmission of an optical link, assisting operators in ensuring the performance and reliability of their optical infrastructure. LiteVu provides a view of network traffic in real time, thus allowing technicians to quickly identify anomalies within the data stream. Slide-in optical tap modules may be added on an as-needed basis to provide "pay-as-you-grow" scalability.

Applications

• Optical Monitoring of Power and Transmission

Product Specifications

LiteVu 1.5RU Chassis

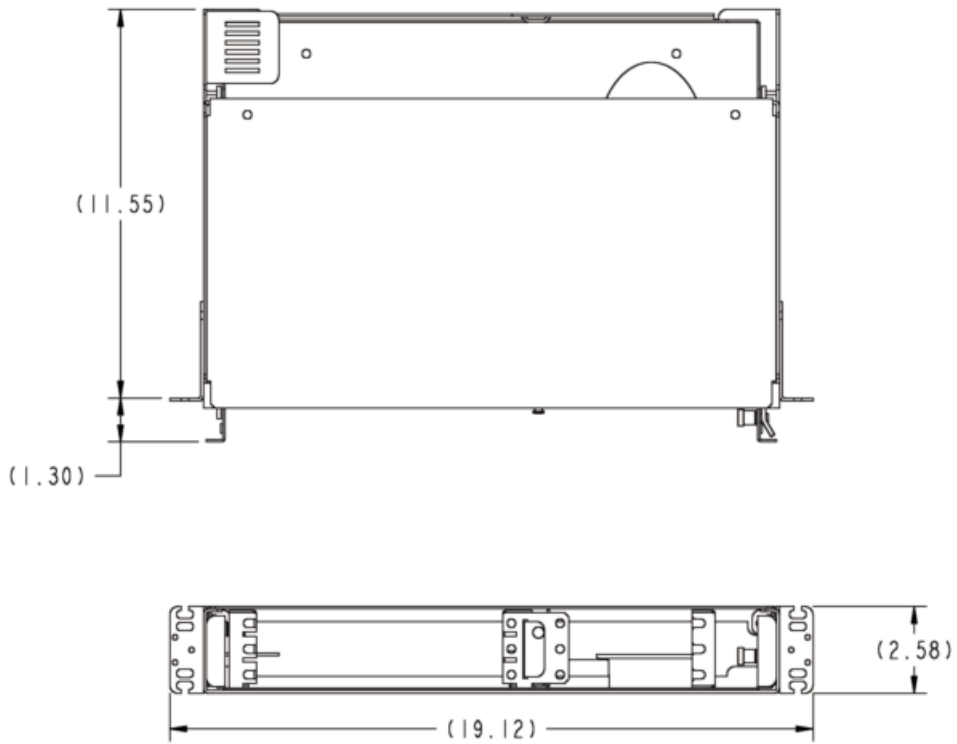|	
Dimensions:	2.5"H x 17"W x 11.5"D (front fiber management tray projects forward additional 5")
Weight:	2.5 lbs. (without modules)
Construction:	Powder Coated Aluminum, Off-White Finish
Module Capacity:	3
Fiber Management:	Slide out tray for convenient access to modules and fiber slack storage area

LiteVu 2RU Chassis

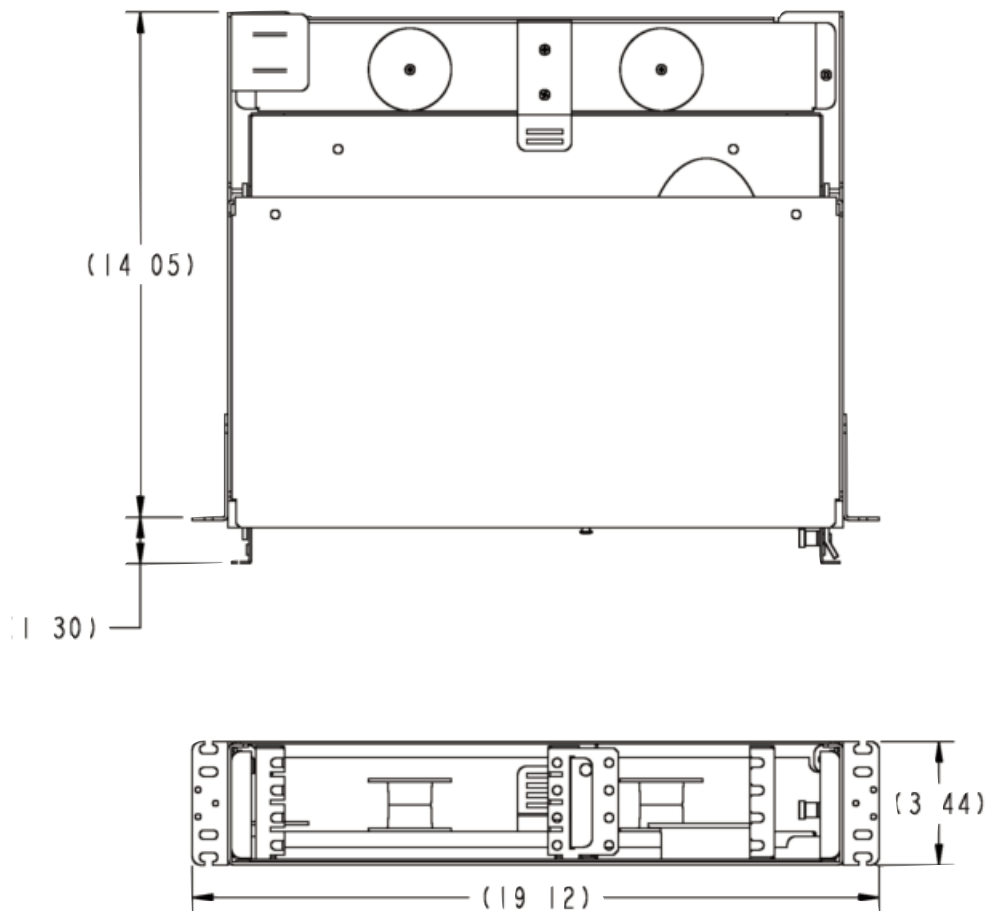|	
Dimensions:	3.5"H x 17"W x 14"D (front fiber management tray projects forward additional 5")
Weight:	3.5 lbs. (without modules)
Construction:	Powder Coated Aluminum, Off-White Finish
Module Capacity:	4
Fiber Management:	Fiber management is integrated into the chassis

Charles®

Product Dimensions

LiteVu 1.5RU Chassis

(11.55)

(1.30)

(2.58)

(19.12)

LiteVu 2RU Chassis

(14 05)

(1 30)

(3 44)

(19 12)

LiteVu Optical Tap Module

Parameters	Value	Unit
Operating Wavelength	1310 & 1550	nm
Insertion Loss (1310/1550)	$\leq$ 4.8dB (40%), $\leq$ 3dB (60%) $\leq$ 1.1dB (90%), $\leq$ 11.2dB (10%)	dB
PDL	$\leq$ 0.15	dB
Directivity	$\geq$ 55	dB
Return Loss	$\geq$ 50	dB
Tap Ratio	40/60 90/10	
Operating Temp	-40 to +65	ºC

Ordering Information

LiteVu Chassis

Part #	NEQ #	Description
CFLV-C03U15	NEQ.20231	1.5RU LiteVu Chassis, 3 optical tap module positions
CFLV-C04U02A	NEQ.20232	2RU LiteVu Chassis, 4 optical tap module positions

LiteVu Monitoring Module

Part #	NEQ #	Description
CFLV-MTRDBXXX11	NEQ.20233	LiteVu optical tap module with 12 LC/UPC monitoring ports

Dependable Solutions, Superior Support

- Field-proven and unequaled 24-hour technical support
- Individualized application consultation
- Superior quality (ISO 9001/TL 9000 registered)

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