

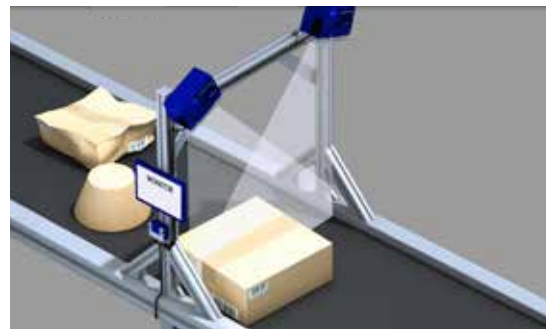
DM3610 DIMENSIONER



The DM3610 is a compact, overhead dimensioning unit that automatically measures the length, width, and height of packages as they are transported on a conveyor. The self-contained dimensioner is designed for simple installation and enables a range of applications across multiple markets including parcel, warehousing & distribution.

The DM3610 is certified in Legal-For-Trade applications and its highly accurate measurements make it the perfect solution for spatial management applications. In the 2-head configuration, the DM3610 can provide dimensions for irregular as well as cuboidal objects.

Used in conjunction with barcode scanners and scales, the DM3610 improves operations for systems such as AS/RS, trailer cubing, manifesting and revenue recovery.



HIGHLIGHTS

Accurate dimensioning at high speeds:

- NTEP certified accuracy of +/- 0.2" for length and width; +/- 0.1" for height at belt speeds up to 650 fpm/3.3 m/s
- OIML certified accuracy +/- 5 mm for length, width and +/- 2mm height at belt speeds up to 650 fpm/3.3 m/s
- MC (Measurement Canada) certified accuracy of +/- 5 mm (0.2 in) for length and width, +/- 2 mm 0.1" for height at belt speeds up to 630 fpm.

"Plug-and-Play" functionality:

- Simple parameter upload simplifies field replacement

Reliability:

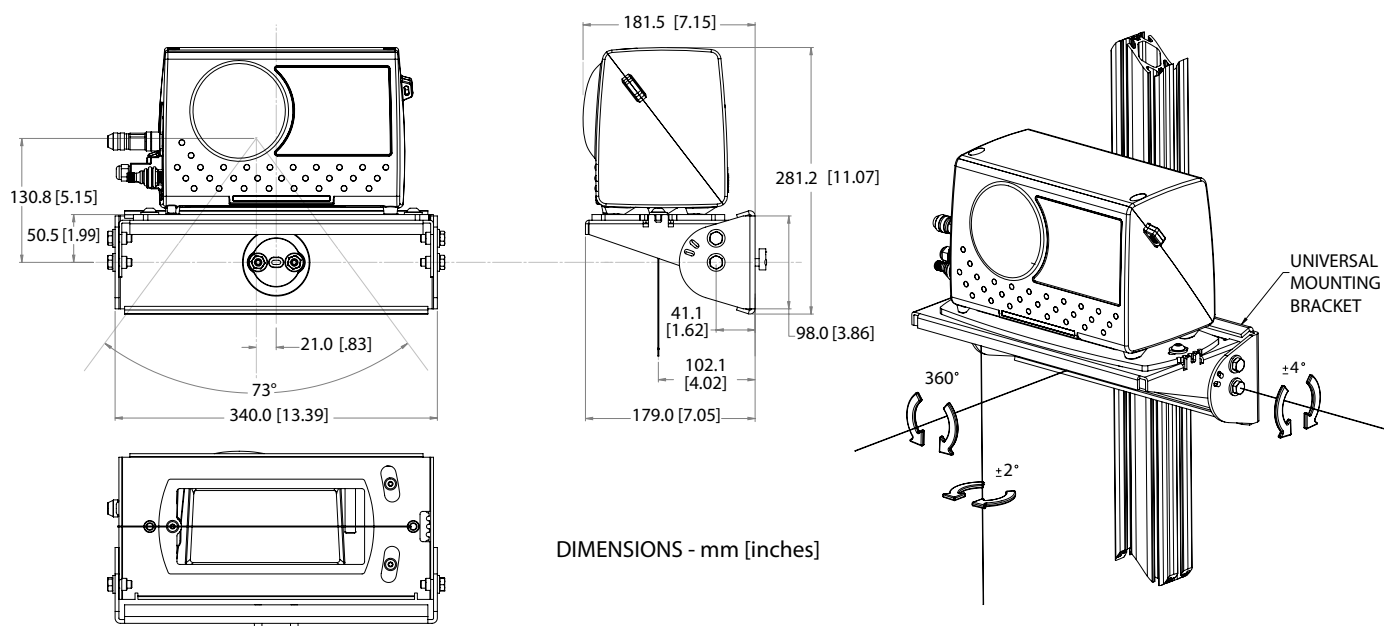
- IP65 rating
- -10 to 50 °C / 14 to 122 °F operating temperature
- Industrial M12 connectors

APPLICATIONS

Typical DM3610 Dimensioning solutions address these industries and applications:

- Courier, Express and Parcel (CEP)
- Revenue recovery
- Warehousing & Distribution
- AS/RS space allocation
- Trailer load planning
- Automated manifesting systems

MODELS AND ACCESSORIES



SPECIFICATIONS

CONFIGURATION	DM3610 1-HEAD SOLUTION	DM3610 2-HEAD SOLUTION
Material flow	Singulated Cuboidal Gap ≥ 20 mm / .08 inch	Singulated Irregular Gap ≥ 25 mm / 1 inch
Dimensioning Accuracy <ul style="list-style-type: none">• NTEP• OIML• MC	+/- 0.2" for length and width, +/- 0.1" for height +/- 5 mm for length, width, +/- 2 mm for height MC (Measurement Canada) certified accuracy of +/- 5 mm (0.2 in) for length and width, +/- 2 mm 0.1" for height at belt speeds up to 630 fpm.	
Conveyor Speeds	Up to 3.15 m/s (640 fpm)	
Box Size (maximum)	L 2500 mm x W 1200 mm x H 1000 mm / 98 x 48 x 40 inches	
Box Size (minimum)	L 50 mm x W 50 mm x H 20 mm / 2.4 x 2.4 x 1.0 inches	
Laser Type	Visible laser diode (red) 660nm, CDRH Class II, IEC 60825-1 Class 3R	
Temperature	Operating: -10 to 50 °C / 14 to 122 °F; Storage: -20 to 70 °C / -4 to 158 °F	
Relative Humidity	10-90% non-condensing	
Power Requirement	24 VDC +/- 10%	
Power Consumption	19 W Average (75 W Max) per Head	
Enclosure	IP65, Aluminum	
Status Indicators	LEDs - STATUS, TRIGGER, TACH, READ, RX/TX, NETWORK, DIMENSION STATUS INDICATORS	
Communication Interfaces	Ethernet (TCP/IP), RS-232 / RS-422 / RS-485	
Inputs	(1) Tachometer, (1) Trigger, (2) SW programmable general purpose	
Programming	On board HTML web server interface	
Service Options	Installation services and on-site training	
Warranty	2-year limited, parts and labor	
Compliances	UL, cUL, FCC (Class A) CE	
Legal for Trade Certifications	OIML/MID, NCWM/NTEP, Measurement Canada	