

# TORNADO<sup>®</sup> RC 500 GPM

## COMPACT INDUSTRIAL MONITOR

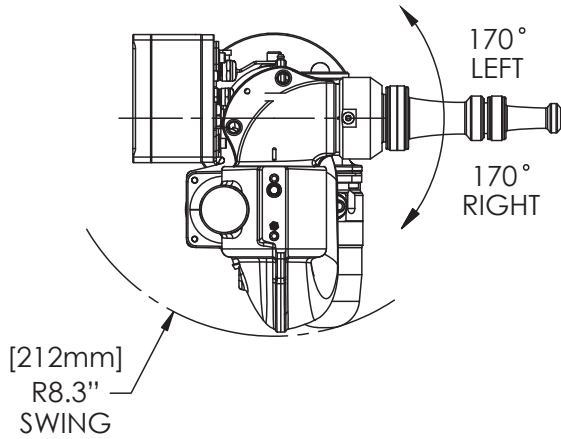


TFT's TORNADO<sup>®</sup> RC compact industrial monitor is designed for both fire and industrial applications. This industrial version is certified to ingress protection IP66/67 to limit penetration of dust and moisture into the electronics, ball races and gears. Models are remotely operated and are capable of flowing up to 500 gpm (2000 l/min). Heavy duty seals and O-rings help mitigate contamination in applications like mining and road construction.

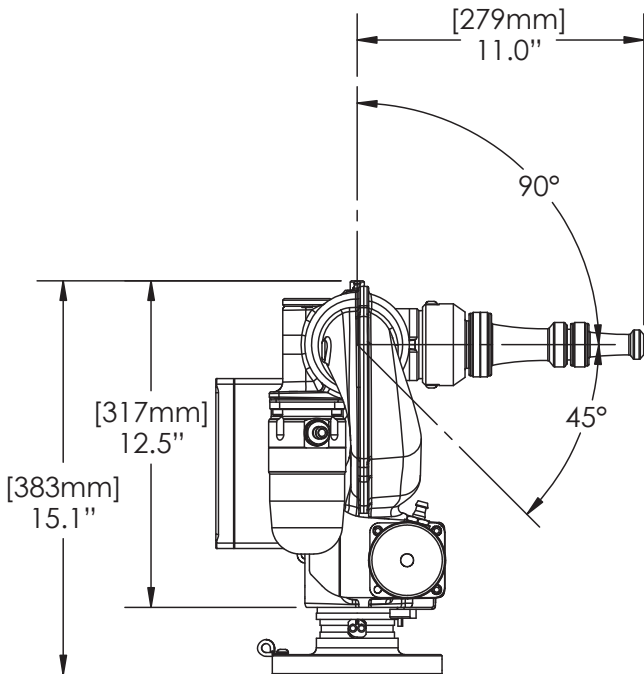
- High performance seals in both the vertical and horizontal axis minimize penetration of dust and moisture in bearing races
- Override knobs have been replaced with protective caps and seals to minimize penetration of dust and moisture in the worm gear area
- 340 ° maximum total rotation for the horizontal axis
- Horizontal axis has infinitely adjustable travel stops

# OVERALL DIMENSIONS

HORIZONTAL and VERTICAL TRAVEL

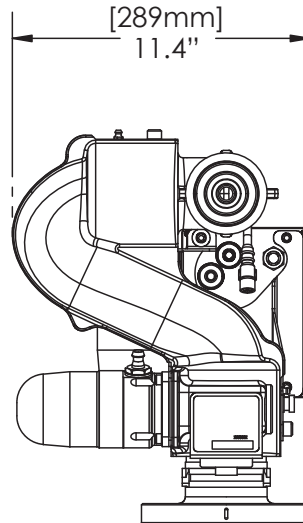


**TOP VIEW**



**SIDE VIEW**

SPECIFICATIONS	
Application	Industrial
Certification	CE
Finish	Black Wrinkle
Horizontal Control	1/4" Hex Wrench
Horizontal Movement	340° total range ( $\pm 170^\circ$ )
Inlet	DN65 Table E Flange
Max Flow	500 gpm (2,000 l/min)
Operating Voltage	12/24 VDC
Horizontal Oscillation	Yes
Outlet	1.5" (38 mm) NH Male
Remote Control	Yes
Vertical Control	1/4" Hex Wrench
Vertical Movement	135° total range (-45° to 90°)
Vertical Oscillation	Yes
Weight	27.1
Electronics Ingress Protection Rating (Control Box & Motors)	IP66 / IP67
Mechanical Ingress Protection Rating (Ball Races & Gears)	IP66 / IP67



**FRONT VIEW**

## Y2-EG4A-S

Tornado RC Compact Industrial Monitor shown with NYSTACK and DN65 Table E Inlet Flange

Other inlets & outlets available, consult factory

### Worldwide Approval and Certifications

As well as being a Registered Firm to ISO 9001:2015 by Underwriter's from agencies around the world. Certificates for specific models are available for review on the TFT website at [tft.com/Resource-Library](http://tft.com/Resource-Library), and include approvals of remote controlled models used in potentially hazardous atmospheres as well as country specific requirements.

All products are designed, developed, and manufactured in the United States of America at our Valparaiso, Indiana world headquarters.

