MEASUREMENT
Technology
NORTHWEST

4211- 24th Avenue West, Seattle, WA 98199
Phone/206-634-1308   Fax/206-634-1309
www.mtnw-usa.com

LCI-90R
Remote Line Display

The LCI-90R is a remote winch line display instrument sized as a drop-in replacement for existing line monitoring equipment.

The UL listed LCI-90R is designed to directly interface with either a LCI-100 or LCI-90 local unit. Up to 32 remote LCI-90R displays can be linked together with a single local unit to form a shipwide winch monitoring network.

Tension, payout, and line speed are displayed on a bright 320x240 electroluminescent display for unmatched readability in all light conditions. Serial networking capability (via the local unit) allows the operator to configure parameter position, scale, and units on all remote LCI-90R displays in the network.

As with our full-featured LCI-100 and LCI-90 instruments, these displays can be flush panel mounted (standard application), or bracket mounted when ordered with an optional watertight stainless steel rear enclosure.

Remotely monitor line speed, payout, and tension (both cable and chain) in single/multi winch systems used for equipment deployment, fixed-place mooring, barge positioning, drawbridge controls, and wherever accurate and reliable line control is required.

- **Network configurable parameter position, scale, and units via serial interface with local LCI-100 or LCI-90 unit.**

- **UL Listed Device.**

- **Enclosure size: H5.7" x W7.6" x D4.7" (7.15" x 5.25" cutout).**

- **Watertight stainless steel enclosure with gimbal bracket mount available.**

Line Controls - Dual Tension Displays - WinchDAC
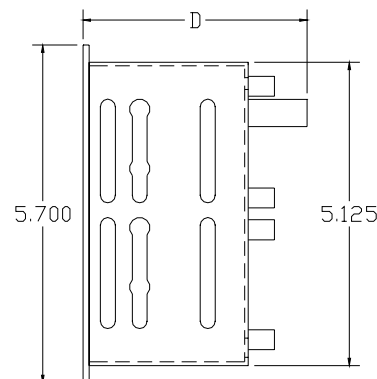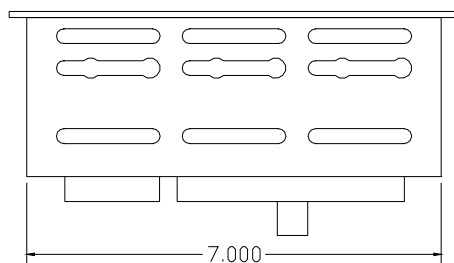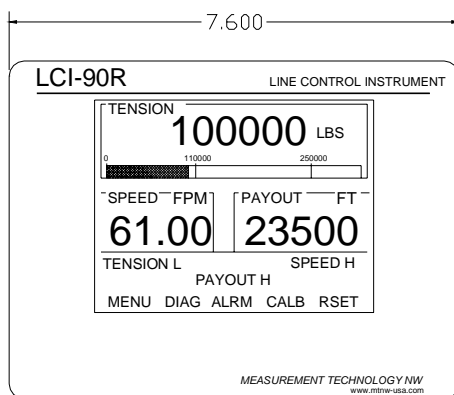
LCI-90R Remote Line Display

Operator Interface Features

- Network configurable display (parameter position, units, and scale) via serial interface with LCI-100 or LCI-90 local unit.

- Up to 32 LCI-90R remote displays can be linked to a single LCI-100 or LCI-90 local unit.

General Specifications

Display	320x240 graphic, EL
	Readable in all conditions
Enclosure Size	H 5.7" x W 7.6" x D 5.0"
Operating Temperature	-40°C to +75°C (standard)
Environmental	NEMA 4X front panel
	Watertight console*
	Watertight rear enclosure*
Power	0.5 Amp @ 18-36 VDC
	0.1 Amp (100-240 VAC)*
	Isolated, surge protected

*Option

7.600

LCI-90R   LINE CONTROL INSTRUMENT

TENSION
100000 LBS
0   110000   250000

SPEED FPM   PAYOUT   FT
61.00   23500
TENSION L   SPEED H
PAYOUT H
MENU DIAG ALRM CALB RSET

MEASUREMENT TECHNOLOGY NW
www.mtnw-usa.com

D

5.700   5.125

7.000

NOTES:

1: Depth varies with I/O configuration
   No isolated analog or digital I/O   D = 3.78
   Only isolated digital I/O   D = 4.68
   Isolated analog I/O   D = 4.73

2: Unit fits into 7.15" x 5.25" cutout

3: All units in inches

4: Panel mount configuration shown