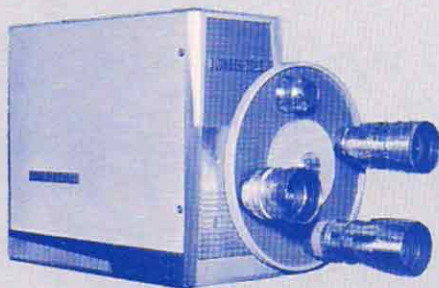


## accessories



remote pan-and-tilt mechanism

remote and manual turrets and optional lenses



model TTVC-1

# BLONDER-TONGUE Transistorized TV Camera model TTVC-1

## Features and Specifications

- accessory provisions for — remotely controlled or manual lens turret; remotely controlled optical focus; clip-on view finder; "C" lens mount accommodates standard 16 mm movie lens.
- fully automatic operation: automatic light compensation — 2000-to-1 range.
- industrial sync; 2-to-1 interlaced.
- 650-line high quality picture resolution.
- completely transistorized.
- power source — 117 volts AC, 60 cycles.
- completely regulated for + 15% supply voltage variation.
- low power drain — draws an average of 13 watts from power source.
- sensitivity — usable picture with only 1/2 foot candle of scene illumination.
- modular construction.
- Crystal-controlled RF modulator-channels 2 to 6, minimum output: 50 millivolts.
- video output — 1.25 volts.
- 55° C. maximum ambient temperature.
- dustproof construction.
- steel enclosure for high magnetic shielding.
- weighs only 15 pounds and measures a compact 11 1/2" long x 8 7/8" high x 4 1/4" wide.

**the right camera for  
industrial remote observation,  
educational TV, and all other  
closed-circuit TV applications.**

With the Model TTVC-1 is offered a wide variety of remote controls and accessory mountings making it an efficient, versatile camera for any type of remote viewing requirement.

Engineered for reliable, continuous operation with minimum maintenance the Blonder-Tongue fully transistorized camera transmits high definition pictures (600 line resolution) enabling critical viewing of industrial processes; wide areas, educational programing, etc

Tough . . . rugged steel-enclosed housing . . . portable . . . weighs 15 pounds . . . the TTVC-1 can be used anywhere another pair of eyes is needed.

*A free survey of your requirements is available from Blonder-Tongue. Our trained engineers will advise you of the type of equipment you will need . . . and will lay out the system at no cost.*

engineered and manufactured by

# BLONDER-TONGUE

9 Alling St., Newark, N. J.

Canadian Div.: Benco Television Assoc., Ltd., Toronto, Ontario

Export: Rocke International Corp., New York 16, N. Y.

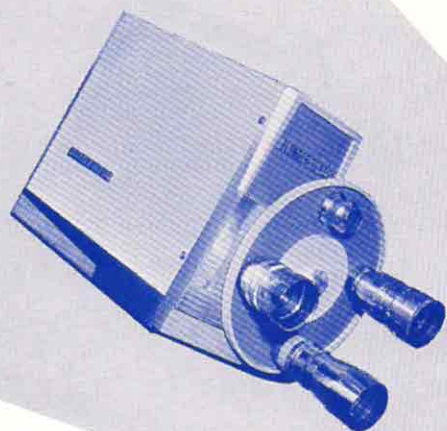
home TV accessories • industrial TV systems

master TV systems • UHF converters • FM-AM radios

# BLONDER-TONGUE

"Observer" closed circuit TV  
cameras and systems

*our camera now reducing  
costs and hazards for  
these companies*



**Brunswick Pulp and Paper Company**, Georgia affiliate of Mead Corp. and Scott Paper Company, uses five "Observers" to view pulpwasher discharge and to check flow from a belt conveyor to a distributing conveyor chute. Clogging at any point in the system could represent losses of thousands of dollars. The closed-circuit system, including five B-T monitors, enables one operator to observe this new equipment in operation and make adjustments in flow and composition if necessary. Reports Brunswick, "The units installed are fulfilling the requirements very well."

**Union Carbide Chemical Company**, in its South Charleston, West Virginia plant, has a two camera B-T chain to enable the operator in the control room to watch other operators in process areas which may be subject to hazard. These men take samples of materials from pumps and tanks within the structure. Both cameras, one at ground level and one at 60 foot elevation, are installed in special vapor-proof housings.

**The Beau Rivage Motel** in Miami Beach features baby sitting by television. The motel governess can watch many children in separate rooms through "Observer" camera and a battery of TV viewers. Another prime application for hotels and large motels is convention coverage. Many times, meeting halls or auditoriums cannot handle all the guests. Adjoining rooms may be hooked in easily through closed-circuit cameras and TV receivers or monitors. Sound may be included, of course.

**Douglas Aircraft Company** at its El Segundo division uses B-T closed-circuit TV to keep a close watch on certain critical operations of its huge Drivmatic Riveting Machine. This machine installs stringers to the A 3D Skywarrior wing panels. It formerly was very difficult to watch the various machine tool operations. Now through TV, one operator can accurately and conveniently control start-and-stop procedure by push-button and prevent machine damage, wasted stock, and incorrect riveting.

**Sharon Steel Corp's** new slabbing and blooming mill at Farrell, Pennsylvania, utilizes B-T cameras to control quality at key-rolling and handling operations. One system enables the operator to control loading and unloading of the conveyor carrying ingots from the soaking pits to the rolling mill. Another system provides a close-up view of the ingot approaching the shear. This added control point was not available prior to installation of the system.



Camera in Housing →

"Observer" installation at Brunswick Pulp and Paper Co., Georgia

**Other prominent "Observer" installations are serving at these locations:**

- |  |                                   |
|--|-----------------------------------|
| DUPONT PHOTO PRODUCTS DIVISION                     | <i>Parlin, New Jersey</i>         |
| GENERAL MOTORS TECHNICAL CENTER                    | <i>Detroit, Michigan</i>          |
| YOUNGSTOWN SHEET AND TUBE                          | <i>Youngstown, Ohio</i>           |
| JOHNSON AND JOHNSON                                | <i>East Brunswick, New Jersey</i> |
| GOODYEAR TIRE & RUBBER CO.                         | <i>Gadsden, Alabama</i>           |
| SOUTHWESTERN<br>PORTLAND CEMENT CO.                | <i>Fairborn, Ohio</i>             |
| INDUSTRIAL FORGE AND STEEL                         | <i>Canton, Ohio</i>               |
| BURNS BRICK CO.                                    | <i>Macon, Georgia</i>             |
| UNION THEOLOGICAL SEMINARY                         | <i>Richmond, Virginia</i>         |
| ALBERT EINSTEIN MEDICAL CENTER                     | <i>Philadelphia, Pa.</i>          |
| UNIVERSITY OF NORTH CAROLINA<br>SCHOOL OF MEDICINE | <i>Chapel Hill, N. C.</i>         |
| PUBLIC SERVICE OF NEW JERSEY                       | <i>Linden, New Jersey</i>         |
| GREELEY NATIONAL BANK                              | <i>Greeley, Colorado</i>          |
| EDWARD J. MEYER MEMORIAL<br>HOSPITAL               | <i>Buffalo, New York</i>          |

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