

**TruVision TVC-7120-1-N(P) Box Camera A&E Specifications**

1. The TVC-7120-1-N(P) Camera shall capture and transmit video over an analog connection.
2. TVC-7120-1-N(P) shall be as manufactured by Interlogix.
3. TVC-7120-1-N(P) shall include, but not be limited to the following:
   1. TVC-7120-1-N(P) shall provide analog connection for the purpose of allowing users to integrate it with digital video recorder or digital video encoder products.
      1. TVC-7120-1-N(P) shall provide 1 channels of analog video output.
      2. The TVC-7120-1-N(P) shall include a sensor of 1/3" SONY SUPER HAD CCD II.
   2. TVC-7120-1-N(P) shall support up to 700 TV Line.
   3. TVC-7120-1-N(P) shall support both C and CS mount.
   4. TVC-7120-1-N(P) shall have total pixels (H x V) in: NTSC: 1028 × 508 / PAL: 1028 × 596.
   5. TVC-7120-1-N(P) shall have effective pixels (H x V) in: NTSC: 976 × 494 / PAL: 976 × 582.
   6. TVC-7120-1-N(P) shall support Highlight Compensation.
   7. TVC-7120-1-N(P) shall have DC drive auto iris lens.
   8. TVC-7120-1-N(P) shall have IR Cut Filter.
   9. TVC-7120-1-N(P) shall have RS-485.
   10. TVC-7120-1-N(P) shall have Alarm Input and Output.
   11. TVC-7120-1-N(P) shall have Day/Night switch.
   12. TVC-7120-1-N(P) shall have the OSD control button.
   13. TVC-7120-1-N(P) shall be user configured via the internal menu.
       1. TVC-7120-1-N(P) shall have an integrated menu to configure the following information:
          1. Lens
          2. Shutter and AGC
          3. White Balance
          4. Backlight Compensation
          5. Picture Adjust
          6. ATR
          7. Motion Detection
          8. Privacy Mask
          9. Day/Night
          10. NR
          11. Camera ID

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* + - 1. SYNC
      2. Language
      3. Reset
    1. Configurable options shall include:
       1. Lens
          1. Auto Iris
          2. Manual Iris
       2. Shutter and AGC
          1. Auto Iris
          2. Manual Iris
       3. White Balance
          1. ATW
          2. Push
          3. User1
          4. User2
          5. Anti CR
          6. Manual
          7. Push Lock
       4. BLC
          1. BLC
          2. HLC
       5. PICT Adjust
          1. Mirror
          2. Brightness
          3. Contrast
          4. Sharpness
          5. Hue
          6. Gain
       6. ATR:
          1. Luminance
          2. Contrast
       7. Motion Detection
          1. Sensitivity
          2. Block Display
          3. Monitor Area
          4. Area Select
       8. Privacy Mask
          1. Area Select
          2. Color
          3. Transparent
          4. Mosaic
       9. Day & Night
          1. Auto

Burst

Delay CNT

Day -> Night

Night -> Day

* + - * 1. Color (Manual)
        2. B/W
        3. EXT1/EXT2
      1. Noise Reduction
         1. Y Level
      2. Camera ID
         1. Area Select
      3. SYNC
         1. Internal synchronization
         2. Power synchronization
      4. Language
         1. English
         2. Chinese
         3. Japanese
         4. German
         5. French
         6. Russian
         7. Portuguese
         8. Spanish
      5. Reset
         1. Camera reset

1. The TVC-7120-1-N(P) camera shall have the following operational features:
   1. 1. Shutter speed:

a. PAL: 1/50 s to 1/10,000 s b. NTSC: 1/60 s to 1/10,000 s

* 1. Convergence speed of the iris: 0 to 255
  2. AGC: Manual AGC can be set to 6, 12, 18, 24, 30, 36, 42 or 44.8 dB.
  3. ATR:
     1. Luminance: High, medium and low
     2. Contrast: High, midhigh, mid, midlow, and low
  4. Brightness:
     1. High luminance: 0 to 255
     2. Low luminance: X0.25, X0.50, X0.75 or X1
  5. Contrast, Sharpness, Hue, Gain: 0 to 255.
  6. Resolution: NTSC: 976 × 494 / PAL: 976 × 582
  7. Mirror: On and Off
  8. S/N ratio: 62 dB
  9. Minimum Illumination: 0.001 Lux @ F1.2
  10. White Balance: ATW/ PUSH/ USER1/ USER2/ ANTI CR/ MANUAL/ PUSH LOCK
  11. Motion Detection:
      1. Detect sense: 0 to 128
      2. Block Disp: ON and OFF
      3. Monitor area: ON and OFF
      4. Area Sel: Four motion-sensitive areas can be set.
  12. Privacy Mask:
      1. Color
      2. Area Sel: Four motion-sensitive areas can be set.
      3. Transparent: 0.00 to 1.00.
      4. Mosaic: ON and OFF.
  13. Connection
      1. TVC-7120-1-N(P) shall include the following connectors:
         1. Video Output: 1Vp-p composite video output
         2. Alarm Input: 1 input
         3. Alarm Output: 1 output
  14. Communication
      1. RS-485
  15. D/N switch

1. TVC-7120-1-N(P) shall have the following additional specifications:
   1. Video
      1. Video output: 1 Vpp composite output (75 ohm/BNC)
   2. Electrical
      1. Power supply: 12 VDC, 24 VAC
      2. Current and power consumption:

**12 VDC 24 VAC**

Current 300 mA 168 mA

Power consumption 3.5 W (max.) 4.0 W (max.)

* 1. Environmental
     1. Operating temperature range: -10 to +60 °C (-14 to +140 °F)
  2. Physical

a. Dimensions: 68.8 x 56 x 111 mm (2.71” × 2.20” × 4.37”)

b. Weight: 400 g (0.88 lbs)

1. TVC-7120-1-N(P) shall conform to these internationally recognized compliance standards:
   1. FCC
   2. CE
   3. UL
   4. WEEE
   5. RoHS
   6. REACH

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