



The VT-PTZ220HD offers a 2.0 MegaPixel high speed HD-SDI PTZ camera solution which delivers real time live video @ 1920x1080p. Crystal clear images are achieved without tearing using a progressive scan CMOS image sensor.

FEATURES:

- Built-in HD SDI driver. (SMPTE 274M, SMPTE 296M for 720p/1080p/1080i)
- Built-in X20 times Optical Power Zoom Camera.
- True Night Shot function with Exmor ICR Day/Night Function.
- 248 Programable Presets
- 8 Patterns record and play back user preference of surveillance path up to 480° sec.
- 16 Scans: 8 speed steps with smooth vector scan.
- 8 Tours: Each tour consists up to 42 Presets, Patterns, and Scans
- 8 Alarm inputs with 0~8 Priority / 2 Auxiliary outputs programmable NC & NO.
- 8 Privacy Zones: 4 Polygon / Video off or 4 masked Block / Video off / Mosaic
- 64 steps of variable speed from 0.1°/sec to 105°/sec.
- Max manual speed 420°/sec with Turbo key pressed, Preset speed is 420°/sec.
- Programmable user preferences of speed (Changeable 60°/sec to 105°/sec).
- Addressable up to 999 camera IDs (Extendable up to 3999 in special mode).
- Built-in RS-485 receiver driver.
- On-site software upgrade and upload/download of programmed data into the KBD.
- Built-in power-line surge protection and lighting protection.

Detailed Specifications

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|-----------------------|---|
| Image Sensor | 1/2.8" Exmor CMOS sensor(Sony) |
| Picture elements | 3270K Pixels |
| Video Standards | 1920x1080i@60/50/59.94 / 1920x1080p@30/25/29.97 / 1280x720p@60/50/30/25/59.94/29.97 |
| Lens | X20 optical zoom with auto focus / X12 digital zoom / F1.6 to F3.5, f=4.7mm to 94mm" |
| View Angle | Approx. 55.4° (Wide) to 2.9°(Tele) - 1080i mode |
| Minimum Illumination | Color : 0.5 Lux (High Sensitivity mode ON) / BW : 0.095 Lux (High Sensitivity mode ON) |
| S/N Ratio | 50 dB (Weight ON) |
| Input Voltage | 18 to 30 VAC; 24 VAC nominal, built-in power-line surge |
| Power Consumption | Maximum 21Watts |
| Alarm Output | 2 Normal relay 24 VDC/1A Max (Selectable NC/NO) |
| Alarm Input | 8 Normal dry contact (selectable NC/NO) |
| Control | RS-485 baud rate:2400~38400bps (default:9600bps) |
| Access Time | 0.75 second maximum preset recall time |
| ID (Camera Address) | Physical 999, Logical 3999 |
| Pan Angle | 360° continuous rotation |
| Speed | 0.1° to 105°/sec. (proportional to zoom) / 420°/sec. maximum (w/ Turbo key pressed) Preset Speed : 420°/sec |
| Repeatability | 0.2° |
| Flip | Rotate 180° at bottom of tilt |
| Autoscan | 16 auto scan include vector scan/1 Auto Pan |
| Preset Position | 248 positions with camera status (16-character title) |
| Tour | 8 tours |
| Pattern | 8 patterns, 480 second |
| On-Screen Display | Displays camera ID and area name on screen |
| Operating temperature | 0°C to 50°C |
| Operating humidity | 0 to 90% RH (non-condensing) |
| Storage temperature | -4° ~ 131°F (-20° ~ 55°C) |
| Weight | 3.97 lbs. (1.8 kg) |

NUMEROUS HOUSING AND MOUNT OPTIONS TO CHOOSE FROM:



VT-PTWMT
PTZ Wall Mount



VT-PTIBMT
PTZ I-Beam Mount



VT-PTHSG/IP
PTZ Housing w/ Clear or Smoked Bubble



VT-PTFMK
PTZ Flush Mount Kit w/Clear or Smoked Bubble



VT-PTPPMT
PTZ Parapet Mount



VT-PTPDMT
PTZ Pedestal / Ceiling Mount



VT-PTCNMT
PTZ Corner Mount Adapter



VT-PTPLMT
PTZ Pole Mount Adapter



VT-PTODKIT/IP
PTZ Outdoor Kit w/ Heater/Blower, Sun Shield, and 24-12V Converter