

# Datavideo Product Compare

<https://datavideo.com/ap/>

|                            |                                                                        |
|----------------------------|------------------------------------------------------------------------|
| Model Number               | <b>PTC-140NDI</b>                                                      |
| Product                    | <b>HD 20x NDI PTZ Camera</b>                                           |
| Video format/Resolution    | 1080p 60/59.94/50/30/29.97/25<br>1080i 60/59.94/50<br>720p 60/59.94/50 |
| Image Sensor               | Sony 1/2.8" CMOS                                                       |
| Effective Pixels (approx.) | 2.07 Mega pixels                                                       |
| S/N Ratio                  | >55dB                                                                  |
| Min. Illumination          | 0.5Lux (F1.8, AGC ON)                                                  |
| Electronic Shutter         | Auto / Manual                                                          |
| Zoom Ratio                 | 20x Optical Zoom, 10x Digital Zoom                                     |
| Effective Zoom Ratio       | 18.85x                                                                 |
| Gamma Control              | Off / Normal                                                           |
| Iris Control               | Auto / Manual                                                          |
| Digital Noise Reductions   | Yes                                                                    |
| On-Screen Display (OSD)    | English/Simplified Chinese/Traditional Chinese                         |

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| White Balance                    | Auto, Manual, One Push, 3000K, 4000K, 5000K, 6500K             |
| AGC / Gain Control               | Auto / Manual                                                  |
| HDR/WDR                          | -----                                                          |
| Mirror / Flip Image              | Yes                                                            |
| Focus Mode                       | Auto / Manual                                                  |
| Panning / Tilting Range          | Pan: 340° , Tilt: +90° to -30°                                 |
| Panning / Tilting Speed          | Pan: 0.1~60°/sec<br>Tilt: 0.1~30°/sec                          |
| Preset                           | 255 Position                                                   |
| Focal Length                     | f=5.2 (wide) to 98 (tele) mm<br>F1.6 to F3.5                   |
| Field of View (Horizontal, Wide) | Approx. 54.7° (WIDE END) / 3.3° (TELE END)                     |
| Image Compensation               | Backlight Compensation                                         |
| Video Output                     | HDMI x 1<br>SDI x 1                                            |
| Audio Input                      | 3.5mm Line in                                                  |
| Tally LED                        | Dual color (Red, Green)                                        |
| Lens Filter                      | M52.0 x 0.75 Thread with UV Protection                         |
| Control Protocol                 | Pelco-D, Pelco-P,<br>VISCA, VISCA over IP,<br>DVIP, ONVIF, NDI |

|                                    |                                                            |
|------------------------------------|------------------------------------------------------------|
| Remote Control Interface           | LAN: for IP control (DVIP / NDI)<br>RS-232, RS-422, RS-485 |
| Video Compression Format           | H.264/H.265                                                |
| Audio Compression Format           | AAC, G711                                                  |
| Audio Bitrate                      | 96Kbps, 128Kbps, 256Kbps                                   |
| HD IP Interface                    | 100M IP port(100BASE-TX); Support DVIP and NDI             |
| Streaming Protocols                | RTSP, RTMP(S), ONVIF, Multicast, SRT, NDI Hx               |
| First Stream Supported Resolution  | ----                                                       |
| Second Stream Supported Resolution | ----                                                       |
| Video Bitrate                      | ----                                                       |
| Video Bitrate Mode                 | ----                                                       |
| Encoding Frame rate                | ----                                                       |
| POE                                | IEEE802.3af                                                |
| F/W Update                         | Via Web GUI                                                |
| IR Control                         | Yes                                                        |

|                       |                                                                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera Control Unit   | RMC-2P<br>RMC-180 series/<br>RMC-300 series/<br>PTZ View Assist APP                                                                                                                                                          |
| Tripod Mount          | 1/4-20 UNC                                                                                                                                                                                                                   |
| Optional Accessories  | WM-1/ WM-10/ WM-11                                                                                                                                                                                                           |
| Color                 | Black/White                                                                                                                                                                                                                  |
| Dimension (LxWxH)     | 156(W) x 184(H) x 186(D)                                                                                                                                                                                                     |
| Weight                | 1.6 kg                                                                                                                                                                                                                       |
| Operating Temp. Range | 0~40 °C                                                                                                                                                                                                                      |
| Power                 | DC 12V 12W                                                                                                                                                                                                                   |
| What's in the Box     | 1 x PTC-140 NDI Unit<br>1 x IR remote controller<br>1 x Ceiling mount bracket -A<br>1 x Ceiling mount bracket -B<br>6 x Ceiling mount bracket screw M3*4mm<br>1 x DC 12V Power Adaptor<br>1 x Power Cord<br>1 x Safety cable |