



ORDERING INFORMATION

(outside U.S. and Canada)

(as of 1/2008)

<u>PART NUMBER</u>	<u>DESCRIPTION</u>
PTU-D46 FAMILY	
PTU-D46-17	Pan-tilt unit. Includes controller, 7 ft. cable (PT-CABLE-CE) and manual.
PTU-D46-70	Pan-tilt unit with high resolution/payload capacity. Includes controller, 7 ft. cable (PT-CABLE-CE) and manual.
PTU-D46-17P70T	Pan-tilt unit with PTU-D46-17 gearing for Pan axis and PTU-D46-70 gearing for Tilt axis
Upgrade Options	
append "W" to PTU-D46-xx #	Weather resistance
append "N" to PTU-D46-xx #	Nodal (gimbal) option offsets pan/tilt modules so that a payload can be placed at the intersection of the pan and tilt axes.
append "E" to PTU-D46-xx #	Extended I/O (EIO) option adds two additional RS-232 ports to control other serial devices from the PTU controller host port, supports direct serial mouse/trackball control of pan-tilt
Accessories	
PT-PS-INT30V	AC/DC international power supply 100-240VAC, 47-63Hz, 30VDC, 24W, IEC receptacle
D46AC-BKT-Zstd	Side-mount payload bracket for PTU-D46 models
ENC-PTCB-bracket	Mounting bracket kit for PTU-D46 controller
PT-EIO-TRACKBL	Serial trackball for use with EIO option (MS mouse compatible)
PT-CABLE-UPG-3	3 ft. controller cable (replaces 7 ft. cable included with PTU)
PT-CABLE-UPG-14	14 ft. controller cable (replaces 7 ft. cable included with PTU)
PT-CABLE-UPG-28	28 ft. controller cable (replaces 7 ft. cable included with PTU)
PT-CABLE-UPG-56	56 ft. controller cable (replaces 7 ft. cable included with PTU)
PT-CABLE-UPG-xx-W	Weatherized version of UPG cables (only for use with "W" option PTU)
PT-CABLE-CE-3	3 ft. controller cable for PTU-D46 models
PT-CABLE-CE	7ft. controller cable for PTU-D46 models
PT-CABLE-CE-14	14 ft. controller cable for PTU-D46 models
PT-CABLE-CE-28	28 ft. controller cable for PTU-D46 models
PT-CABLE-CE-56	56 ft. controller cable for PTU-D46 models
PT-CABLE-CE-xx-W	Weatherized version of PTU-D46 controller cables (only for use with "W" option PTU)
PTU-D46-NET-SK	PTU Network Cable Starter Kit for PTU-D46 models
PTU-D46-NET AU	PTU Network Additional Unit Kit for PTU-D46 models
Software	
PTU-CPI	C Language Programmer's Interface for PTU-D46 models
PTU-D47 FAMILY	
D47-SS-S-S-0000-SS	PTU-D47 pan-tilt unit. Includes manual.
D47-SS-S-A-0000-SS	PTU-D47 pan-tilt unit with payload wiring pass-through. Includes manual.
Upgrade Options	
Accessories	
D47AC-APS-30V	AC/DC International power supply 110-240VAC, 47-63Hz input, 30VDC output
D47AC-CAB-25BO	Cable harness for PTU-D47
D47-cable01-19PmiIC	Mating connector for base connector
Software	
PTU-CPI	C Language Programmer's Interface for PTU-D47 models

TERMS & CONDITIONS: Volume and distributor pricing is available. Minimum quantities may apply for some configurations/options. Prices subject to change without notice.

Directed Perception attempts to maintain adequate inventories to allow shipment from stock, however, lead-times may vary. Directed Perception Terms & Conditions apply. F.O.B. origin. Buyer is responsible for all tariffs, customs, taxes and transport & insurance cost.

See standard Terms & Conditions for details.



ORDERING INFORMATION

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PART NUMBER	DESCRIPTION
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PTU-D300 FAMILY

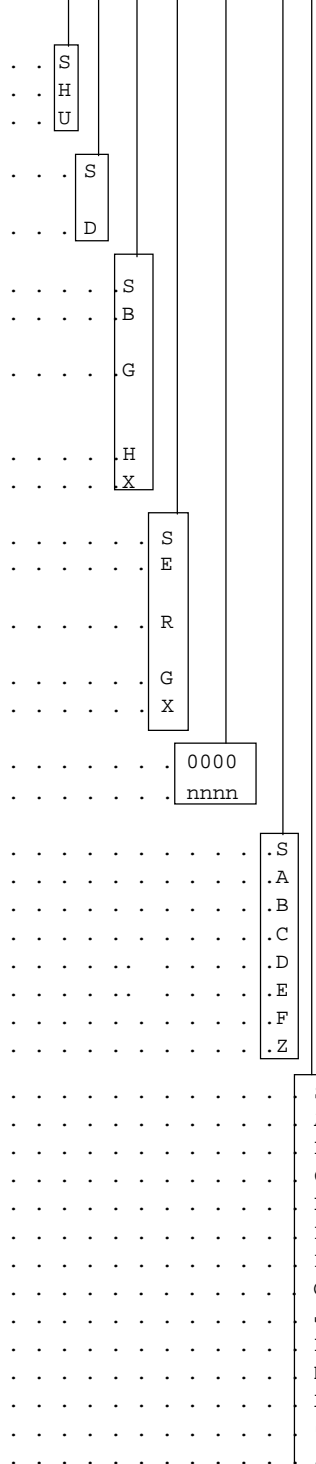
D300-SS-S-S-0000-SS

PTU-D300 Heavy-Duty Pan-tilt; Integrated Controller; 9-30VDC input; Includes mating connector for Payload signals. Includes (1) D300AC-BKT-Lstd Standard Payload bracket. Does not include power supply or cable harness.

Multiple options can be applied independently

Upgrade Options

D300-<s><s><s><s><nnnn><s><s>



PTU TYPE

- Standard pan speed PTU-D300 (with continuous pan)
- High-speed Pan option for PTU-D300 (with continuous pan)
- Extreme-Duty stainless gear option for PTU-D300 (with continuous pan)

BRACKET MOUNT TYPE

- Standard bracket
- Dual-side mount hubs - Allows side mount on either/both sides and top. Includes top-bracket. Requires 1-2 D300AC-BKT-Lstd or D300AC-BKT-HDS

BASEPLATE MOUNT TYPE

- Standard rear exit base connector baseplate
- Bottom exit base connector baseplate, Height: 2.650"
- Inertial Stabilization Option - Gyro installed in base (requires "G" option on Payload & Base Connector Wiring).
- Inertial Stabilization Option WITH RF pass-through - Gyro installed in base (requires "R" option on Payload & Base Connector Wiring). (Special Order Item - longer lead-time and/or minimum orders may apply)

Special - requires engineering approval

PAYLOAD & BASE CONNECTOR WIRING

- PL01 standard 9 pass through RS232/RS485 Comm
- PL02 wiring option 12 signal payload pass-through, RS485 Comm only. Recommend ordering: D300AC-Conv-RS485C with this configuration.
- DC-18GHz RF pass through; PL03 wiring; RS232/485 Comm

Inertial Stabilization Option - wiring to 2nd base connector (requires "G" option on Baseplate Mount Type).
Special - requires engineering approval. NRE charges may apply

Special Configurations

- Standard
- Other custom configurations

Ranges of Motion

- +175 / -175 Pan - Standard**
- +005 / -005 Pan
- +010 / -010 Pan
- +025 / -025 Pan
- +030 / -030 Pan
- +035 / -035 Pan
- +090 / -090 Pan
- Custom Pan (specify, requires Engineering approval)

- +030 / -090 Tilt - Standard**
- +005 / -005 Tilt
- +010 / -010 Tilt
- +025 / -025 Tilt
- +030 / -030 Tilt
- +035 / -035 Tilt
- +090 / -090 Tilt (** not compatible with Top Mount)
- +000 / -040 Tilt
- +015 / -065 Tilt
- +030 / -080 Tilt
- +020 / -045 Tilt
- +010 / -045 Tilt
- +000 / -045 Tilt
- Custom Tilt (specify, requires Engineering approval)

[See TERMS & CONDITIONS Page 1]

(continued)



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<u>PART NUMBER</u>	<u>DESCRIPTION</u>
PTU-D300 FAMILY (Continued...)	
Accessories	
D300AC-APS-30V	AC/DC International power supply 110-240VAC, 47-63Hz input, 30VDC output
D300AC-BKT-Lstd	Standard payload mounting bracket for PTU-D300 (works for top or side)
D300AC-CAB-25BO	25' Cable harness for PTU-D300
D300AC-CAB-ext-50	50' extension cable for PTU-D300 (male/female)
D300AC-CAB-ext-100	100' extension cable for PTU-D300 (male/female)
D300AC-KIT-starter	Includes (1) D300AC-APS-30V, (1) D300AC-CAB-25BO Starter kit for ISM option. Includes D300AC-Kit-starter plus extra D300AC-CAB-25BO, USB game controller, and PC software
D300AC-Kit-starter-ISM	
D300AC-BKT-HDS-UPG	Heavy-duty payload bracket SIDE MOUNT (replaces D300AC-BKT-Lstd included with PTU-D300)
D300AC-BKT-HDT-UPG	Heavy-duty payload bracket TOP MOUNT (replaces D300AC-BKT-Lstd included with PTU-D300)
D300AC-BKT-HDST-UPG	Heavy-duty payload bracket TOP+SIDE MOUNT (replaces D300AC-BKT-Lstd included with PTU-D300)
D300AC-BKT-HDS	Heavy-duty payload bracket SIDE MOUNT
D300AC-BKT-HDT	Heavy-duty payload bracket TOP MOUNT
D300AC-BKT-HDST	Heavy-duty payload bracket TOP+SIDE MOUNT
D300-cable01-19PmilC	Mating connector for PTU-D300 Base connector
D300AC-Conv-RS485C	RS232/485 converter for PTU-D300
Software	
PTU-CPI	C Language Programmer's Interface for PTU-D300 models
PTU-DGPM - Geo-Pointing Module	
PTU-DGPM	Geo-Pointing Module - Allows control of pan-tilt with latitude/longitude/altitude commands and provides Ethernet/Web interface to pan-tilt. Compatible with PTU-D46, PTU-D47 and PTU-D300. Includes 110/220VAC power supply, patch cables for PTU and Ethernet connections, User Manual.
OTHER ACCESSORIES	
PT-PSC	Gamepad Controller, Cordless 2.4 GHz
PT-AS-01	PC Software Application CD for use with PT-PSC to control Directed Perception pan-tilt models

[See TERMS & CONDITIONS Page 1]

